

React Js Book Learning React Javascript Library From Scratch

Develop native iOS and Android apps with ease using React Native. Learn by doing through an example-driven approach, and have a substantial running app at the end of each chapter. This edition is fully updated to include ES7 (ECMAScript 7), the latest version of React Native (including Redux), and development on Android. You will start by setting up React Native and exploring the anatomy of React Native apps. You'll then move on to Redux data flow, how it differs from flux, how you can include it in your React Native project to solve state management differently and more efficiently. You will also learn how to boost your development by including popular packages developed by the React Native community that will help you write less; do more. Finally, you'll learn how to write test cases using Jest and submit your application to the App Store. React Native challenges the status quo of native iOS and Android development with revolutionary components like asynchronous execution, unique methods for touch handling, and much more. This book reveals the path-breaking concepts of React.js and acquaints you with the React way of thinking so you can learn to create stunning user interfaces. What You'll Learn Build stunning iOS and Android applications Understand the Redux design pattern and use it in your project Interact with iOS and android device capabilities such as addressbook, camera, GPS and more with your apps Test and launch your application to the App StoreWho This Book Is For Anyone with JavaScript experience who wants to build native mobile applications but dreads the thought of programming in Objective-C or Java. Developers who have experience with JavaScript but are new or not acquainted to React Native.

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Native or ReactJS.

Summary React in Action introduces front-end developers to the React framework and related tools. This clearly written, example-rich book begins by introducing you to React, diving into some of the fundamental ideas in React, and working with components. In the second section, you'll explore different ways that data works in React as well as learning more about components. You'll also find several useful appendixes covering related topics like React tooling and the React ecosystem. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Facebook created React to help deliver amazing user experiences on a website with thousands of components and an incomprehensible amount of traffic. The powerful tools are available to you too! The key is a clever design for managing state, data flow, and rendering, so your application is easy to think about and runs smoothly. Add an incredibly rich ecosystem of components and libraries, and you've got a recipe for building web apps that work for both developers and users. About the Book React in Action teaches you to think like a pro about user interfaces and building them with React. This practical book gets you up and running quickly with hands-on examples in every chapter. You'll master core topics like rendering, lifecycle methods, data flow, forms, routing, integrating with third-party libraries, and testing. And the included application design ideas will help make your apps pop. As you learn to integrate React into full-scale applications, you'll explore state management with Redux and server-side rendering, and even how to use React Native for mobile UIs. What's Inside React from the ground up Implementing a routing system with components Server-side rendering in Node.js Working with third-party libraries To learn more about React components About the Reader Written for developers familiar with HTML, CSS, and JavaScript. About the Author Mark Thomas is an experienced software engineer who works d

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with React, JavaScript, and Node.js. He loves clean code, beautiful systems, and good coffee.

Contents

PART 1 - MEET REACT Meet React Our first component

PART 2 - COMPONENTS AND DATA IN REACT Data and data flow in React Rendering and lifecycle methods in React Working with forms in React Integrating third-party libraries with React Routing in React More routing integrating Firebase Testing React components

PART 3 - REACT APPLICATION ARCHITECTURE Redux application architecture More Redux and integrating Redux with React React on the server and integrating React Router An introduction to React Native

Introduction to React teaches you React, the JavaScript framework created by developers at Facebook, to solve the problem of building complex user interfaces in a consistent and maintainable way. React.js shrugs away common front-end conventions in an effort to make things more easy to use

Introduction to React to learn about this framework and more today. Get to know the React framework and its specific JavaScript extension, JSX, which makes authoring React components easier and more maintainable. You will also learn how to test your React applications and about the tools you can use while building. Once you understand these core concepts, you can build applications with React. This book will help you cement the ideas and fundamentals of React and prepare you to utilize React in your own use case.

What You'll Learn:

- How to use React to maintain complex user interfaces in an efficient way
- How to integrate existing user interfaces and move forward with React
- How to build application architecture using Flux
- How to easily utilize JSX, React's JavaScript extension

LEARN REACT TODAY The up-to-date, in-depth, complete guide to React and friends. Become a ReactJS expert today

A complete hands-on guide to modern web and mobile development with React.js, 3rd Edition

Create dynamic web apps with React using Redux, Webpack, Node.js, and GraphQL

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React Design Patterns and Best Practices

Fullstack React

Create Beautiful Mobile Apps with JavaScript and React Native

The Road to React

React Cookbook

React Explained is a fun and enjoyable introduction to React, which is the Javascript framework of choice for WordPress, Drupal, Magento, and thousands of developers. Key Features Up-to-Date: Constantly updated, the material in React Explained is always current. Clear instruction: You will follow plain English, clear visuals, and enjoyable step-by-step instructions. Hands-on learning: You will master React by building a complete React application. What You'll Learn In React Explained, readers will dig deep into how React works and will learn how to build applications with it. While the focus is on building for the frontend on the web, many of the skills you will learn will also apply to writing React on the server side, for native applications and even for Virtual Reality environments. Table of Contents The Javascript You Should Know for React Helpful Developer Tools for React A High Level Overview of React React Elements and Components Explained 5 Exercises in Writing React With Elements and Components JSX Explained 5 Exercises in Writing React With JSX Create React App Explained 5 Exercises With Create React App Props in React Explained 5 Exercises in Working With Props State in React Explained 5 Exercises in Working With State The Component Lifecycle Explained 5 Exercises With the Component Lifecycle Project Introduction Step 1 - Listing Content from State Step 2 - Routing and Single Content Views Step 3 - Adding a Content Form Step 4 - Adding Flash Messages Step 5 - Updating Content Step 6 - Deleting Content Step 7 - Maintaining Persistent State With Local Storage Step 8 - Authenticating With a Firebase Database Step 9 - CRUD and Live Syncing With

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Firestore Step 10 - Deploying the Project Step 11 - Refactoring Your Code About the Author Zac Gordon is a professional educator, who currently focuses on JavaScript development with and alongside WordPress at javascriptforwp.com. Zac has years of experience teaching at high schools, colleges, bootcamps and online learning sites like Treehouse, Udemy and Frontend Masters. In addition to teaching, Zac also runs Web Hosting for Students, one of the world's largest hosting companies dedicated to students and teachers. You can also catch his free Office Yoga sessions on OfficeYoga.tv.

Summary React Native in Action gives iOS, Android, and web developers the knowledge and confidence they need to begin building high-quality iOS and Android apps using the React Native framework. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology React Native gives mobile and web developers the power of "and." Write your app once and easily deploy it to iOS and Android and the web. React Native apps compile into platform-specific code, reducing development time, effort, and cost! And because you're using JavaScript and the React framework, you benefit from a huge ecosystem of tools, expertise, and support. About the Book React Native in Action teaches you to build high-quality cross-platform mobile and web apps. In this hands-on guide, you'll jump right into building a complete app with the help of clear, easy-to-follow instructions. As you build your skills, you'll drill down to more-advanced topics like styling, APIs, animations, data architecture, and more! You'll also learn how to maximize code reuse without sacrificing native platform look-and-feel. What's Inside Building cross-platform mobile and web apps Routing, Redux, and animations Cross-network data requests Storing and retrieving data locally Managing data and state About the Reader Written for beginner-to-intermediate web, Android, and iOS developers. About the Authors Nader Dabit is a developer advocate at AWS Mobile, where he works on tools and services to allow developers to build full-stack web and mobile applications using

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their existing skillset. He is also the founder of React Native Training and the host of the "React Native Radio" podcast. Table of Contents PART 1 Getting started with React Native Getting started with React Native Understanding React Building your first React Native app PART 2 Developing applications in React Native Introduction to styling Styling in depth Navigation Animations Using the Redux data architecture library PART 3 API reference Implementing cross-platform APIs Implementing iOS-specific components and APIs Implementing Android-specific components and APIs PART 4 Bringing it all together Building a Star Wars app using cross-platform components

In this book, we take you on a fun, hands-on and pragmatic journey to master React from a web development point of view. You'll start building React apps within minutes. Every section is written in a bite-sized manner and straight to the point as I don't want to waste your time (and most certainly mine) on the content you don't need. In the end, you will have what it takes to develop a real-life app. Facebook's React has changed the way we think about web applications and user interface development. Due to its design, you can use it beyond web. A feature known as the Virtual DOM enables this. In this chapter we'll go through some of the basic ideas behind the library so you understand React a little better before moving on. What is React? React is a JavaScript library that forces you to think in terms of components. This model of thinking fits user interfaces well. Depending on your background it might feel alien at first. You will have to think very carefully about the concept of state and where it belongs. Because state management is a difficult problem, a variety of solutions have appeared. In this book, we'll start by managing state ourselves and then push it to a Flux implementation known as Alt. There are also implementations available for several other alternatives, such as Redux, MobX, and Cerebral. React is pragmatic in the sense that it contains a set of escape hatches. If the React model doesn't work for you, it is still possible to revert back to something lower level. For instance, there are

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hooks that can be used to wrap older logic that relies on the DOM. This breaks the abstraction and ties your code to a specific environment, but sometimes that's the pragmatic thing to do. One of the fundamental problems of programming is how to deal with state. Suppose you are developing a user interface and want to show the same data in multiple places. How do you make sure the data is consistent? Historically we have mixed the concerns of the DOM and state and tried to manage it there. React solves this problem in a different way. It introduced the concept of the Virtual DOM to the masses. Virtual DOM exists on top of the actual DOM, or some other render target. It solves the state manipulation problem in its own way. Whenever changes are made to it, it figures out the best way to batch the changes to the underlying DOM structure. It is able to propagate changes across its virtual tree as in the image above. Virtual DOM Performance Handling the DOM manipulation this way can lead to increased performance. Manipulating the DOM by hand tends to be inefficient and is hard to optimize. By leaving the problem of DOM manipulation to a good implementation, you can save a lot of time and effort. React allows you to tune performance further by implementing hooks to adjust the way the virtual tree is updated. Though this is often an optional step. The biggest cost of Virtual DOM is that the implementation makes React quite big. You can expect the bundle sizes of small applications to be around 150-200 kB minified, React included. Gzipping will help, but it's still big.

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React Quickly

Fullstack React Native

Your Step-By-Step Guide to React

Build and refactor modern React.js applications using Hooks

Beginner's guide to modern React web development with TypeScript 3

Learning React Native

React Native for Mobile Development

If you want to learn how to build efficient user interfaces with React, this is your book. Authors Alex Banks and Eve Porcello show you how to create UIs with this small JavaScript library that can deftly display data changes on large-scale, data-driven websites without page reloads. Along the way, you'll learn how to work with functional programming and the latest ECMAScript features. Developed by Facebook, and used by companies including Netflix, Walmart, and The New York Times for large parts of their web interfaces, React is quickly growing in use. By learning how to build React components with this hands-on guide, you'll fully understand how useful React can be in your organization. Learn key functional programming concepts with JavaScript Peek under the hood to understand how React runs in the browser Create application presentation layers by mounting and composing React components Use component trees to manage data and reduce the time you spend debugging applications Explore React's component lifecycle and use it to load data and improve UI performance Use a routing solution for browser history, bookmarks, and other features of single-page applications Learn how to structure React applications with servers in mind

Developed by Facebook, React is one of the leading frameworks to build efficient web user interfaces. You use small manageable components to build large-sale, data-driven websites without page reloads. No more wasting time hunting for DOM nodes! In this book, we take you on a fun, hands-on and pragmatic journey to master React from a web development point of

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view. You'll start building React apps within minutes. Every section is written in a bite-sized manner and straight to the point as I don't want to waste your time (and most certainly mine) on the content you don't need. In the end, you will have what it takes to develop a real-life app.

About the Reader This book is for developers with basic familiarity with HTML, CSS, Javascript and object-oriented programming. No React experience needed. About the Author Greg Lim is a technologist and author of several programming books. Greg has many years in teaching programming in tertiary institutions and he places special emphasis on learning by doing. Table of Contents Introduction Creating and Using Components Bindings, Props, State and Events Working with Components Conditional Rendering Building Controlled Forms Getting Data From RESTful APIs with Axios React Routing C.R.U.D. with Firebase Introduction to Redux React with Redux Introduction to React Hooks

Start developing modern day component based web apps using React 16, Redux and TypeScript 3 with this easy to follow guide filled with practical examples. Key Features Learn the latest and core features of React such as components, React Router, and suspense Dive into TypeScript 3 and it's core components such as interfaces, types aliases, tuples, generics and much more. Build small-to-large scale single page applications with React, Redux, GraphQL and TypeScript Book Description React today is one of the most preferred choices for frontend development. Using React with TypeScript enhances development experience and offers a powerful combination to develop high performing web apps. In this book, you'll learn how to create well structured and reusable react components that are easy to read and maintain by leveraging modern web

development techniques. We will start with learning core TypeScript programming concepts before moving on to building reusable React components. You'll learn how to ensure all your components are type-safe by leveraging TypeScript's capabilities, including the latest on Project references, Tuples in rest parameters, and much more. You'll then be introduced to core features of React such as React Router, managing state with Redux and applying logic in lifecycle methods. Further on, you'll discover the latest features of React such as hooks and suspense which will enable you to create powerful function-based components. You'll get to grips with GraphQL web API using Apollo client to make your app more interactive. Finally, you'll learn how to write robust unit tests for React components using Jest. By the end of the book, you'll be well versed with all you need to develop fully featured web apps with React and TypeScript.

What you will learn

- Gain a first-hand experience of TypeScript and its productivity features
- Transpile your TypeScript code into JavaScript for it to run in a browser
- Learn relevant advanced types in TypeScript for creating strongly typed and reusable components.
- Create stateful function-based components that handle lifecycle events using hooks
- Get to know what GraphQL is and how to work with it by executing basic queries to get familiar with the syntax
- Become confident in getting good unit testing coverage on your components using Jest

Who this book is for

The ideal target audience for this book are web developers who want to get started with creating modern day web apps with React and TypeScript. You are expected to have a basic understanding of JavaScript and HTML programming. No prior knowledge of TypeScript and React is needed.

Create large-scale web applications with code that is extensible and easy to understand using React Hooks Key Features Explore effective strategies for migrating your state management from Redux and MobX to React Hooks Integrate Hooks with React features such as Context and Suspense to add advanced functionality to your web apps Create complex applications by combining multiple hooks Book Description React Hooks revolutionize how you manage state and effects in your web applications. They enable you to build simple and concise React.js applications, along with helping you avoid using wrapper components in your applications, making it easy to refactor code. This React book starts by introducing you to React Hooks. You will then get to grips with building a complex UI in React while keeping the code simple and extensible. Next, you will quickly move on to building your first applications with React Hooks. In the next few chapters, the book delves into various Hooks, including the State and Effect Hooks. After covering State Hooks and understanding how to use them, you will focus on the capabilities of Effect Hooks for adding advanced functionality to React apps. You will later explore the Suspense and Context APIs and how they can be used with Hooks. Toward the concluding chapters, you will learn how to integrate Redux and MobX with React Hooks. Finally, the book will help you develop the skill of migrating your existing React class components, and Redux and MobX web applications to Hooks. By the end of this book, you will be well-versed in building your own custom Hooks and effectively refactoring your React applications. What you will learn Understand the fundamentals of React Hooks and how they modernize state management in React apps Build your own custom Hooks and learn how to test

them Use community Hooks for implementing responsive design and more Learn the limitations of Hooks and what you should and shouldn't use them for Get to grips with implementing React context using Hooks Refactor your React-based web application, replacing existing React class components with Hooks Use state management solutions such as Redux and MobX with React Hooks Who this book is for This book is for React developers who want to learn how to build applications with Hooks. Developers who are looking to migrate to React for its advanced feature set and capabilities will also find the book useful.

Or the Evening Redness in the West

React: Up & Running

Blood Meridian

Learning React

Functional Web Development with React and Redux

React 17 Design Patterns and Best Practices

React Native in Action

25th ANNIVERSARY EDITION • An epic novel of the violence and depravity that attended America's westward expansion, *Blood Meridian* brilliantly subverts the conventions of the Western novel and the mythology of the Wild West—from the bestselling, Pulitzer Prize-winning author of *The Road* Based on historical events that took place on the Texas-Mexico border in the 1850s, it traces the fortunes of the Kid, a fourteen-year-old Tennessean who stumbles into the nightmarish

world where Indians are being murdered and the market for their scalps is thriving.

Pro React teaches you how to successfully structure increasingly complex front-end applications and interfaces. This book explores the React library in depth, as well as detailing additional tools and libraries in the React ecosystem, enabling you to create complete, complex applications. You will learn how to use React completely, and learn best practices for creating interfaces in a composable way. You will also cover additional tools and libraries in the React ecosystem (such as React Router and Flux architecture). Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given no-nonsense, in-depth treatment, and every chapter details common problems and how to avoid them. If you already have experience creating front-end apps using jQuery or perhaps other JavaScript frameworks, but need to solve the increasingly common problem of structuring complex front-end applications, then this book is for you. Start working with React like a pro - add Pro React to your library today.

Get up and running with ReactJS by developing five cutting-edge and responsive projects About This Book Create pragmatic real-world applications while learning React and its modern developer tools Build sustainable user interfaces by

transforming data into components of UI Learn how to generate reusable ReactJS components effectively Who This Book Is For If you are a web developer and wish to learn ReactJS from scratch, then this book is tailor-made for you. Good understanding of Javascript, HTML, and CSS is expected. What You Will Learn Create, reuse, and compose React components using JSX Share data between various React components and techniques for data flow within a React app Handle user interactions with the help of event handlers and dynamic components Set up and use various next generation ES2015/ES6 features with React Understand the performance and immutability features of React using React add-ons Learn the techniques of Animation in React Use data stores to store model-related data and information Create a flux-based React application by using Reflux library In Detail ReactJS is an open-source JavaScript library that brings the power of reactive programming to web applications and sites. It aims to address the challenges encountered in developing single-page applications, and is intended to help developers build large, easily scalable and changing web apps. Starting with a project on Open Library API, you will be introduced to React and JSX before moving on to learning about the life cycle of a React component. In the second project, building a multi-step wizard form, you will learn about composite dynamic components and perform DOM actions. You will also learn

about building a fast search engine by exploring server-side rendering in the third project on a search engine application. Next, you will build a simple frontpage for an e-commerce app in the fourth project by using data models and React addons. In the final project you will develop a complete social media tracker by using the flux way of defining React apps and know about the best practices and use cases with the help of ES6 and redux. By the end of this book, you will not only have a good understanding of ReactJS but will also have built your very own responsive frontend applications from scratch. Style and approach An easy-to-follow program to learn ReactJS with the help of real world projects. Each topic is explained within the context of a project and provides plenty of tips and tricks for using ReactJS.

Learn fundamental and advanced concepts of React.js by building four simple browser games. Topics Covered React Fundamentals Elements and Components The JSX Extension Props and State Events and User Input Clean Code and Refactoring Performance Optimization React API Common React Development Problems

Building Native Mobile Apps with JavaScript

Pro React 16

2nd Edition

Simplifying JavaScript

React

Building Web Applications

Your journey to master plain yet pragmatic React.js

React is an open-source JavaScript library that is used for building user interfaces or UI components. This React book is designed to take you through the most valuable design patterns in React, helping you learn how to apply design patterns and best practices in real-world scenarios.

Use the enormously popular React framework to build dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. You will learn how React brings the power of strong architecture and responsive data to the client, providing the foundation for complex and rich user interfaces. Best-selling author Adam Freeman explains how to get the most from React. He begins by describing the React architecture and the benefits it offers and then shows you how to use React and its associated tools and libraries in your projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Each topic is presented clearly and concisely. Chapters include common problems and how to avoid them. **What You'll Learn** Gain a solid understanding of the React

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design Create rich and dynamic web app clients using React Create data stores using Redux Consume data using REST and GraphQL Test your React projects Who This Book Is For JavaScript developers who want to use React to create dynamic client-side applications

Learning React A hands-on guide to building web applications using React and Redux As far as new web frameworks and libraries go, React is quite the runaway success. It not only deals with the most common problems developers face when building complex apps, it throws in a few additional tricks that make building the visuals for such apps much, much easier. What React isn't, though, is beginner-friendly and approachable. Until now. In Learning React , author Kirupa Chinnathambi brings his fresh, clear, and very personable writing style to help web developers new to React understand its fundamentals and how to use it to build really performant (and awesome) apps. The only book on the market that helps you get your first React app up and running in just minutes, Learning React is chock-full of colorful illustrations to help you visualize difficult concepts and practical step-by-step examples to show you how to apply what you learn. Build your first React app Create components to define parts of your UI Combine components into other components to build more complex UIs Use JSX to specify visuals without writing full-fledged JavaScript Deal with maintaining state Work with React's way of styling

content Make sense of the mysterious component lifecycle Build multi-page apps using routing and views Optimize your React workflow using tools such as Node, Babel, webpack, and others Use Redux to make managing your app data and state easy Contents at a Glance 1 Introducing React 2 Building Your First React App 3 Components in React 4 Styling in React 5 Creating Complex Components 6 Transferring Properties 7 Meet JSX... Again! 8 Dealing with State in React 9 Going from Data to UI in React 10 Events in React 11 The Component Lifecycle 12 Accessing DOM Elements in React 13 Setting Up Your React Dev Environment 14 Working with External Data in React 15 Building an Awesome Todo List App in React 16 Creating a Sliding Menu in React 17 Avoiding Unnecessary Renders in React 18 Creating a Single-Page App in React Using React Router 19 Introduction to Redux 20 Using Redux with React

Get up to speed with React, React Native, GraphQL and Apollo for building cross-platform native apps with the help of practical examples Key Features Covers the latest features of React such as Hooks, Suspense, NativeBase, and Apollo in this updated third edition Get to grips with the React architecture for writing easy-to-manage web and mobile applications Understand GraphQL and Apollo for building a scalable backend for your cross-platform apps Book Description React and React Native, Facebook's innovative User Interface (UI) libraries, are designed to help

you build robust cross-platform web and mobile applications. This updated third edition is improved and updated to cover the latest version of React. The book particularly focuses on the latest developments in the React ecosystem, such as modern Hook implementations, code splitting using lazy components and Suspense, user interface framework components using Material-UI, and Apollo. In terms of React Native, the book has been updated to version 0.62 and demonstrates how to apply native UI components for your existing mobile apps using NativeBase. You will begin by learning about the essential building blocks of React components. Next, you'll progress to working with higher-level functionalities in application development, before putting this knowledge to use by developing user interface components for the web and for native platforms. In the concluding chapters, you'll learn how to bring your application together with a robust data architecture. By the end of this book, you'll be able to build React applications for the web and React Native applications for multiple mobile platforms. What you will learn

- Delve into the React architecture, component properties, state, and context
- Get to grips with React Hooks for handling functions and components
- Implement code splitting in React using lazy components and Suspense
- Build robust user interfaces for mobile and desktop apps using Material-UI
- Write shared components for Android and iOS mobile apps using React Native
- Simplify layout design for

React Native apps using NativeBase Write GraphQL schemas to power web and mobile apps Implement web and mobile components that are driven by Apollo Who this book is for This book is for any JavaScript developer who wants to start learning how to use Facebook's UI libraries, React and React Native, for mobile and web application development. Although no prior knowledge of React is needed, working knowledge of JavaScript programming will help you understand the concepts covered in the book more effectively.

Learning React Js Library From Scratch

Beginning React

Pro React

ReactJS by Example - Building Modern Web Applications with React

Introduction to React

Writing Modern JavaScript with ES5, ES6, and Beyond

React Js

If you want to learn how to build efficient React applications, this is your book. Ideal for web developers and software engineers who understand how JavaScript, CSS, and HTML work in the browser, this updated edition provides best practices and patterns for writing modern React code. No prior knowledge of React or functional JavaScript is necessary. With their learning road map, authors Alex Banks and Eve Porcello show you how to create UIs that can deftly

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display changes without page reloads on large-scale, data-driven websites. You'll also discover how to work with functional programming and the latest ECMAScript features. Once you learn how to build React components with this hands-on guide, you'll understand just how useful React can be in your organization. Understand key functional programming concepts with JavaScript Look under the hood to learn how React runs in the browser Create application presentation layers with React components Manage data and reduce the time you spend debugging applications Incorporate React Hooks to manage state and fetch data Use a routing solution for single-page application features Learn how to structure React applications with servers in mind

Use React and React Native to build applications for desktop browsers, mobile browsers, and even as native mobile apps About This Book Build React and React Native applications using familiar component concepts Dive deep into each platform, from routing in React to creating native mobile applications that can run offline Use Facebook's Relay, React and GraphQL technologies, to create a unified architecture that powers both web and native applications Who This Book Is For This book is written for any JavaScript developer—beginner or expert—who wants to start learning how to put both of Facebook's UI libraries to work. No knowledge of React is needed, though a working knowledge of ES2015 will help you follow along better. What You Will Learn Craft reusable React components Control navigation using the React Router to help keep your UI in sync with URLs Build isomorphic web applications using Node.js Use the Flexbox layout model to create responsive mobile designs Leverage the native APIs of Android and iOS to build engaging applications with React Native Respond to gestures in a way that's intuitive for the user Use Relay to build a unified data architecture for

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your React UIs In Detail React and React Native allow you to build cross-platform desktop and mobile applications using Facebook's innovative UI libraries. Combined with the Flux data architecture and Relay, you can now create powerful and feature-complete applications from just one code base! This book is split into three parts. The first part shows you how to start crafting composable UIs using React, from rendering with JSX and creating reusable components through to routing and creating isomorphic applications that run on Node. We then move on to showing you how to take the concepts of React and apply them to building Native UIs using React Native. You'll find out how to build responsive and streamlined UIs that can properly handle user interactions in a mobile environment. You'll also learn how to access device-specific APIs such as the geolocation API, and how to handle offline development with React Native. Finally, we'll tie all of these skills together and shows you how you can create React applications that run on every major platform. As well as understanding application state in depth, you'll learn how to leverage Relay to make feature-complete, data-driven web and native mobile applications. Style and approach Split into three major sections to help organize your learning, this hands-on, code-first book will help you get up to speed with React and React Native—the UI framework that powers Netflix, Yahoo, and Facebook.

REACT This book/tutorial is about ReactJS and it is designed to move you from beginner to advanced programming. This book is based on 17 chapters well managed and it will helps you to become a React JS expert in less than 7 days. Each chapter will contain a certain number of relevant topics with illustrations and exercises where necessary, this will all be finished off with an end of chapter quiz for an easy and enjoyable learning. Benefits of reading this book that you're not going to find anywhere else: It helps you to understand React Easily. You can learn

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how to install Node JS based on ReactJS. With React you can build applications fast. ReactJS is SEO friendly. It makes code writing simple. We can use React with other libraries. React JS is very light weight front-end framework which allows developers to create web applications faster. Great Community Support. Supports State Management using Redux. **CLICK ADD TO CART TO GET THIS AMAZING BOOK!**

A seemingly ordinary village participates in a yearly lottery to determine a sacrificial victim.
React in Action

Learn React JS From Scratch with Hands-On Projects, 2nd Edition

Developing iOS and Android apps with JavaScript

Reactjs by Example- Building Modern Web Applications with React

Design, build, and deploy production-ready web applications using industry-standard practices, 3rd Edition

Harness the Power of React Native to Create Stunning iOS and Android Applications

Beginning React (incl. Redux and React Hooks)

Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully featured mobile apps that render natively. The second edition of this hands-on guide shows you how to build applications that target iOS, Android, and other mobile platforms instead of browsers—apps that can access platform features such as the camera, user location, and local storage. Through code examples and step-by-step instructions, web developers and frontend engineers familiar with React will learn how to build and style interfaces, use

mobile components, and debug and deploy apps. You'll learn how to extend React Native using third-party libraries or your own Java and Objective-C libraries. Understand how React Native works under the hood with native UI components Examine how React Native's mobile-based components compare to basic HTML elements Create and style your own React Native components and applications Take advantage of platform-specific APIs, as well as modules from the framework's community Incorporate platform-specific components into cross-platform apps Learn common pitfalls of React Native development, and tools for dealing with them Combine a large application's many screens into a cohesive UX Handle state management in a large app with the Redux library

The best modern JavaScript is simple, readable, and predictable. Learn to write modern JavaScript not by memorizing a list of new syntax, but with practical examples of how syntax changes can make code more expressive. Starting from variable declarations that communicate intention clearly, see how modern principles can improve all parts of code. Incorporate ideas with curried functions, array methods, classes, and more to create code that does more with less while yielding fewer bugs. It's time to write JavaScript code that's clean and expressive. Modern JavaScript is simpler and more predictable and readable than ever. Discover how to write better code with clear examples using principles that show

how updated syntax can make code better with fewer bugs. Starting from the ground up, learn new syntax (or how to reuse older syntax) to transform code from clunky bug-susceptible scripts to clear and elegant programs that are easy to read and easy to extend. Create a foundation for readable code with simple variable declarations that reduce side effects and subtle bugs. Select collections with clear goals instead of defaulting to objects or arrays. See how to simplify iterations from complex loops to single line array methods. Master techniques for writing flexible and solid code ranging from high-order functions, to reusable classes, to patterns for architecting large applications creating applications that will last while through rounds of refactoring and changing requirements. The best part is there's no need to read this book straight through. Jump around and incorporate new functionality at will. Most importantly, understand not just what the new syntax is, but when and how to use it. Start writing better code from the first page. What You Need: For the best experience, have the latest version of Node installed (at least version 7). You can test most examples in the console of Chrome or other modern web browser. If you'd like to run the tests, you'll also need to install the latest version of Node Package Manager (npm).

Over 66 hands-on recipes that cover UI development, animations, component architecture, routing, databases, testing, and debugging with React Key Features

Use essential hacks and simple techniques to solve React application development challenges Create native mobile applications for iOS and Android using React Native Learn to write robust tests for your applications using Jest and Enzyme Book Description Today's web demands efficient real-time applications and scalability. If you want to learn to build fast, efficient, and high-performing applications using React 16, this is the book for you. We plunge directly into the heart of all the most important React concepts for you to conquer. Along the way, you'll learn how to work with the latest ECMAScript features. You'll see the fundamentals of Redux and find out how to implement animations. Then, you'll learn how to create APIs with Node, Firebase, and GraphQL, and improve the performance of our application with Webpack 4.x. You'll find recipes on implementing server-side rendering, adding unit tests, and debugging. We also cover best practices to deploy a React application to production. Finally, you'll learn how to create native mobile applications for iOS and Android using React Native. By the end of the book, you'll be saved from a lot of trial and error and developmental headaches, and you'll be on the road to becoming a React expert. What you will learn Gain the ability to wield complex topics such as Webpack and server-side rendering Implement an API using Node.js, Firebase, and GraphQL Learn to maximize the performance of React applications Create a mobile

application using React Native Deploy a React application on Digital Ocean Get to know the best practices when organizing and testing a large React application Who this book is for If you're a JavaScript developer who wants to build fast, efficient, scalable solutions, then you're in the right place. Knowledge of React will be an advantage but is not required. Experienced users of React will be able to improve their skills.

Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully featured mobile apps that render natively. The second edition of this hands-on guide shows you how to build applications that target iOS, Android, and other mobile platforms instead of browsers--apps that can access platform features such as the camera, user location, and local storage. Through code examples and step-by-step instructions, web developers and frontend engineers familiar with React will learn how to build and style interfaces, use mobile components, and debug and deploy apps. You'll learn how to extend React Native using third-party libraries or your own Java and Objective-C libraries. Understand how React Native works under the hood with native UI components Examine how React Native's mobile-based components compare to basic HTML elements Create and style your own React Native components and applications Take advantage of platform-specific APIs, as well as modules from

the framework's community Incorporate platform-specific components into cross-platform apps Learn common pitfalls of React Native development, and tools for dealing with them Combine a large application's many screens into a cohesive UX Handle state management in a large app with the Redux library

The College Fear Factor

The Complete Guide to ReactJS and Friends

Painless web apps with React, JSX, Redux, and GraphQL

Simplify your frontend development workflow and enhance the user experience of your applications with React

React Explained

React.js Essentials

LAST UPDATE: 09. June 2021 If you are looking for a comprehensive and pragmatic yet concise and up-to-date React.js feat. Hooks book, the Road to React is for you. What you will learn. In "The Road to React" you will learn about all the fundamentals of React.js with Hooks while building a full-blown React application step by step. While you create the React application, every chapter will introduce you to a new React key feature. However, there is more than only the fundamentals: The book dives into related topics (e.g. React with TypeScript, Testing, Performance Optimizations) and advanced

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feature implementations like client- and server-side searching. At the end of the book, you will have a fully working deployed React application. Is it up to date? Programming books are usually outdated soon after their release, but since this book is self- published, I can update it as needed whenever a new version of something related to this book gets released. I am a beginner. Is this book for me? Yes. The book starts from zero and takes you through the learning experience step by step. Every chapter builds up on the learnings from the previous chapter. In addition, at the end of every chapter, exercises fortify your lessons learned. If you got stuck in a chapter, you will always find a reference URL to the status quo of the actual code.

Core Concepts
Pragmatic: Master React while building a complete application step by step.
Problems Solving: You need to experience a problem first before solving it.
The Why: Readers like how the book answers the Why, not only the How.

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My fourth web development book is simply called React.js Book. It will walk you step by step through the process of setting up a development environment and learning Reactive programming from start to finish. React is a library unlike any other I have worked with. Unlike jQuery where you had to learn a number of methods that do very specific things, it's largely inspired by a programming methodology for creating fast web applications. In addition you will be expected to know or at least be briefly familiar with prerequisite knowledge of other web development tools such as Node.js,

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NPM, Babel, JSX and WebPack. These are not required elements of programming with React, but without them things would be tough. As of 2017, Reactive programming is an alternative way of thinking about web applications. It provides software patterns that make your web app extremely responsive to user input and generally feel faster to the end-user (people who are using your application.) The Virtual DOM alone is enough of a reason to switch to React. Programming with React library, is a lot more than just learning about and using React objects, components, states, props and methods. It requires previous experience with JavaScript and at times assumes knowledge of software principles not inherent to React library itself. This book is not a list of object names, methods and functions with side explanations of what they do. Rather, it deals with the said principles involved in React programming thought up by the creators of React library. Principles that are usually understood by professional web developers and software engineers. For all these reasons stated above, this book will gradually walk you through the process of becoming familiar with React library, starting from basic concepts. Gradually, we will move toward more advanced subjects. So, prepare to be educated

Rebecca D. Cox draws on five years of interviews and observations at community colleges, where she shows how students and their instructors

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misunderstand and ultimately fail one another, despite good intentions. Eye-opening even for experienced faculty and administrators, *The College Fear Factor* reveals how the traditional college culture can actually pose obstacles to students' success, and suggests strategies for effectively explaining academic expectations.

Summary *React Quickly* is for anyone who wants to learn React.js fast. This hands-on book teaches you the concepts you need with lots of examples, tutorials, and a large main project that gets built throughout the book.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Successful user interfaces need to be visually interesting, fast, and flowing. The React.js JavaScript library supercharges view-heavy web applications by improving data flow between UI components. React sites update visual elements efficiently and smoothly, minimizing page reloads. React is developer friendly, with a strong ecosystem to support the dev process along the full application stack. And because it's all JavaScript, React is instantly familiar. About the Book *React Quickly* is the tutorial for web developers who want to get started fast with React.js. Following carefully chosen and clearly explained examples, you'll learn React development using your existing JavaScript and web dev skills. You'll explore a host of different projects as

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you learn about web components, forms, and data. What's Inside Master React fundamentals Build full web apps with data and routing Test components Optimize React apps About the Reader This book is for developers comfortable building web applications with JavaScript. About the Author Azat Mardan is a Tech Fellow at Capital One with extensive experience using and teaching JavaScript and Node, and author of several books on JavaScript, Node, React, and Express. Table of Contents PART 1 - REACT FOUNDATION Meeting React Baby steps with React Introduction to JSX Making React interactive with states React component lifecycle events Handling events in React Working with forms in React Scaling React components Project: Menu component Project: Tooltip component Project: Timer component PART 2 - REACT ARCHITECTURE The Webpack build tool React routing Working with data using Redux Working with data using GraphQL Unit testing React with Jest React on Node and Universal JavaScript Project: Building a bookstore with React Router Project: Checking passwords with Jest Project: Implementing autocomplete with Jest, Express, and MongoDB APPENDIXES Appendix A - Installing applications used in this book Appendix B - React cheatsheet Appendix C - Express.js cheatsheet Appendix D - MongoDB and Mongoose cheatsheet Appendix E - ES6 for success Learning React JavaScript Library from Scratch

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React and React Native

React. Js Book

A Hands-On Guide to Building Web Applications Using React and Redux

Learn React. Js by Building Games

Quickstart Step-by-step Guide to Learning React Javascript Library (React.js, Reactjs, Learning React Js, React Javascript, React Programming)

The Lottery

Build modular applications that are easy to scale using the most powerful components and design patterns that React can offer you right now About This Book Dive into the core patterns and components of React.js in order to master your application's design Improve their debugging skills using the DevTools This book is packed with easy-to-follow examples that can be used to create reusable code and extensible designs Who This Book Is For If you want to increase your understanding of React and apply it to real-life application development, then this book is for you. What You Will Learn Write clean and maintainable code Create reusable components applying consolidated techniques Use React effectively in the browser and node Choose the right styling approach according to the needs of the applications Use server-side rendering to make applications load faster Build high-performing applications by optimizing components In

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Detail Taking a complete journey through the most valuable design patterns in React, this book demonstrates how to apply design patterns and best practices in real-life situations, whether that's for new or already existing projects. It will help you to make your applications more flexible, perform better, and easier to maintain - giving your workflow a huge boost when it comes to speed without reducing quality. We'll begin by understanding the internals of React before gradually moving on to writing clean and maintainable code. We'll build components that are reusable across the application, structure applications, and create forms that actually work. Then we'll style React components and optimize them to make applications faster and more responsive. Finally, we'll write tests effectively and you'll learn how to contribute to React and its ecosystem. By the end of the book, you'll be saved from a lot of trial and error and developmental headaches, and you will be on the road to becoming a React expert.

Style and approach The design patterns in the book are explained using real-world, step-by-step examples. For each design pattern, there are hints about when to use it and when to look for something more suitable. This book can also be used as a practical guide, showing you how to leverage design patterns.

Master React Native with Fullstack React Native The up-to-date, in-depth, complete guide to React Native. Create beautiful mobile apps

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with JavaScript and React Deliver high quality mobile apps, at light speed. Building the same app in both Swift and Java is time-consuming. With React Native, you can release a native app on both iOS and Android from a single codebase. Do you or your team already know JavaScript? Leverage your existing knowledge to build world class mobile applications. The React Native ecosystem is evolving fast. Get started on the right foot. With such an active community and so many updates, it feels impossible to know what's best and what's just noise. We cover the latest React Native version and best practices so you can develop with confidence. What You'll Build When you buy Fullstack React Native, you're not buying just a book, but dozens of code examples. Every chapter in the book comes with a complete project that uses the concepts in the chapter and provides support for both iOS (including iPhone X screens) & Android. A Weather App - Get your feet wet with React Native by building a weather app allows the user to input their location and grabs weather data from a third party API. A Time Tracker - Brush up on your core React knowledge and build a time tracking app. A Messaging App - Understand how to use the core React Native APIs like Geolocation, CameraRoll, Keyboard, NetInfo and much more through completing a messaging app An Instagram Clone - Learn how to style your app, manage user input, add comments and display photos from Unsplash A Contacts App - Learn how to use

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Navigation: a major piece of any mobile application with multiple screens
A Puzzle Game - Learn how to achieve smooth animations that render at 60 frames-per-second (fps)
FAQ
How long is the book? The book has 11 chapters totaling 670 pages, several sample apps totaling over 1000+ lines of code (JavaScript/JSX, non-comment lines). Do I have to know React? Nope! We've written the book so that it can be used even if you aren't familiar with React. Although, if you'd like to learn React in depth, checkout our other book Fullstack React
Do I have to know JavaScript? Yes, we assume you know the basics of the language. But you don't need to be completely up-to-date: we teach the latest language features in case you're not familiar with them. However, this book teaches React Native from the ground up and you can use it even if you've never written a mobile app before.

A fast-paced guide to designing and building scalable and maintainable web apps with React.js
About This Book
Build maintainable and performant user interfaces for your web applications using React.js
Create reusable React.js components to save time and effort in maintaining your user interfaces
Learn how to build a ready-to-deploy React.js web application, following our step-by-step tutorial
Who This Book Is For
If you're a front-end developer with knowledge of jQuery and its libraries, along with frameworks, such as Angular.JS and Backbone.JS, or native JavaScript development, and you wish to use the

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fastest web user interface library there is, then this book is ideal for you. What You Will Learn Install powerful React.js tools to make development much more efficient Create React elements with properties and children Get started with stateless and stateful React components Use JSX to speed up your React.js development process Add reactivity to your React components with lifecycle methods Integrate your React components with other JavaScript libraries Utilize the Flux application architecture with your React components Test your React components with Jest test framework In Detail Building web applications with maintainable and performant user interfaces is a challenge that many have faced for more than a decade, but no one has risen to this challenge quite like React.js. Today React.js is used by Facebook, Instagram, Khan Academy, and Imperial College London, to name a few. Many new users recognize the benefits of React.js and adopt it in their own projects, forming a fast-growing community. The speed at which React.js has evolved promises a bright future for those who invest in learning it today. React.js Essentials will take you on a fast-paced journey through building your own maintainable React.js application. Begin by exploring how you can create single and multiple user interface elements. Create stateless and stateful components and make them reactive, learn to interact between your components and lifecycle methods and gauge how to effectively integrate your user

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interface components with other JavaScript libraries. Delve deep into the core elements of the Flux architecture and learn how to manage your application using stores. Finish by going that extra mile with the Jest test framework, running multiple tests on your application and find solutions to scale it further without complexity. Style and approach The book adopts a step-by-step, hands-on approach with ample codes to ensure you learn React.js at a fast pace.

Get up and running with ReactJS by developing five cutting-edge and responsive projects
About This Book- Create pragmatic real-world applications while learning React and its modern developer tools- Build sustainable user interfaces by transforming data into components of UI- Learn how to generate reusable ReactJS components effectively
Who This Book Is For
If you are a web developer and wish to learn ReactJS from scratch, then this book is tailor-made for you. Good understanding of Javascript, HTML, and CSS is expected.
What You Will Learn- Create, reuse, and compose React components using JSX- Share data between various React components and techniques for data flow within a React app- Handle user interactions with the help of event handlers and dynamic components- Set up and use various next generation ES2015/ES6 features with React- Understand the performance and immutability features of React using React add-ons- Learn the techniques of Animation in React- Use data stores to store model-

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related data and information- Create a flux-based React application by using Reflux library

In Detail ReactJS is an open-source JavaScript library that brings the power of reactive programming to web applications and sites. It aims to address the challenges encountered in developing single-page applications, and is intended to help developers build large, easily scalable and changing web apps. Starting with a project on Open Library API, you will be introduced to React and JSX before moving on to learning about the life cycle of a React component. In the second project, building a multi-step wizard form, you will learn about composite dynamic components and perform DOM actions. You will also learn about building a fast search engine by exploring server-side rendering in the third project on a search engine application. Next, you will build a simple frontpage for an e-commerce app in the fourth project by using data models and React addons. In the final project you will develop a complete social media tracker by using the flux way of defining React apps and know about the best practices and use cases with the help of ES6 and redux. By the end of this book, you will not only have a good understanding of ReactJS but will also have built your very own responsive frontend applications from scratch.

Style and approach An easy-to-follow program to learn ReactJS with the help of real world projects. Each topic is explained within the context of a project and provides plenty of tips

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and tricks for using ReactJS.

5 Practical React Projects

Learning React Js

Learn React with TypeScript 3

Learn React Hooks

React Projects

Build 12 real-world applications from scratch using React, React Native, and React 360

Modern Patterns for Developing React Apps

Take your web applications to a whole new level with efficient, component-based UIs that deliver cutting-edge interactivity and performance. Key Features

Elaborately explains basics before introducing advanced topics Explains creating and managing the state of components across applications Implement over 15 practical activities and exercises across 11 topics to reinforce your learning Book

Description Projects like Angular and React are rapidly changing how development teams build and deploy web applications to production. In this book, you'll learn the basics you need to get up and running with React and tackle real-world projects and challenges. It includes helpful guidance on how to consider key user requirements within the development process, and also shows you how to work with advanced concepts such as state management, data-binding, routing, and the popular component markup that is JSX. As you complete the included examples, you'll find yourself well-equipped to move onto a real-world personal or

professional frontend project. What you will learn Understand how React works within a wider application stack Analyze how you can break down a standard interface into specific components Successfully create your own increasingly complex React components with HTML or JSX Correctly handle multiple user events and their impact on overall application state Understand the component lifecycle to optimize the UX of your application Configure routing to allow effortless, intuitive navigation through your components Who this book is for If you are a frontend developer who wants to create truly reactive user interfaces in JavaScript, then this is the book for you. For React, you'll need a solid foundation in the essentials of the JavaScript language, including new OOP features that were introduced in ES2015. An understanding of HTML and CSS is assumed, and a basic knowledge of Node.js will be useful in the context of managing a development workflow, but is not essential.

Hit the ground running with React, the open-source technology from Facebook for building rich web applications fast. With this practical guide, Yahoo! web developer Stoyan Stefanov teaches you how to build components—React's basic building blocks—and organize them into maintainable, large-scale apps. If you're familiar with basic JavaScript syntax, you're ready to get started. Once you understand how React works, you'll build a complete custom Whinepad app that helps users rate wines and keep notes. You'll quickly learn why some developers consider React the key to the web app development puzzle. Set up React and write your first "Hello world" web app Create and use custom React components

alongside generic DOM components Build a data table component that lets you edit, sort, search, and export its contents Use the JSX syntax extension as an alternative to function calls Set up a lean, low-level build process that helps you focus on React Build a complete custom app that lets you store data on the client Use ESLint, Flow, and Jest tools to check and test your code as your app evolves Manage communication between components with Flux Build cross-platform applications of varying complexity for the web, mobile, and VR devices using React tooling Key Features Build React applications at scale using effective React patterns and best practices Explore React features such as Hooks, the Context API, and the Suspense API Extend React's integration with React Native for building cross-platform mobile apps and games Book Description Developed by Facebook, React is a popular library for building impressive user interfaces. React extends its capabilities to the mobile platform using the React Native framework and integrates with popular web and mobile tools to build scalable applications. React Projects is your guide to learning React development by using modern development patterns and integrating React with powerful web tools such as GraphQL, Expo, and React 360. You'll start building a real-world project right from the first chapter and get hands on with developing scalable applications as you advance to building more complex projects. Throughout the book, you'll use the latest versions of React and React Native to explore features such as Higher Order Components (HOC), Context, and Hooks on multiple platforms, which will help you build full stack web and mobile applications

efficiently. Finally, you'll delve into unit testing with Jest to build test-driven apps. By the end of this React book, you'll have developed the skills necessary to start building scalable React apps across web and mobile platforms. What you will learn

Create a wide range of applications using various modern React tools and frameworks
Discover how React Hooks modernize state management for React apps
Develop progressive web applications using React components
Build test-driven React applications using the Jest and Enzyme frameworks
Understand full stack development using React, Apollo, and GraphQL
Perform server-side rendering using React and React Router
Design gestures and animations for a cross-platform game using React Native

Who this book is for
The book is for JavaScript developers who want to explore React tooling and frameworks for building cross-platform applications. Basic knowledge of web development, ECMAScript, and React will assist with understanding key concepts covered in this book.

This book is a collection of in-depth tutorials, selected from SitePoint's React Hub, that will guide you through some fun and practical projects. Along the way, you'll pick up lots of useful development tips. It contains:

- How to Create a Reddit Clone Using React and Firebase by Nirmalya Ghosh
- Build a CRUD App Using React, Redux and FeathersJS by Michael Wanyoike
- How to Build a Todo App Using React, Redux, and Immutable.js by Dan Prince
- Building a Game with Three.js, React and WebGL by Andrew Ray
- Procedurally Generated Game Terrain with React, PHP, and WebSockets by Christopher Pitt