

Angularjs Up And Running Enhanced Productivity With Structured Web Apps

Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on About This Book A first-rate reference guide with a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it Covers no legacy material from the outdated Angular release candidates; it is up-to-date with the latest release of Angular 2.4 All the code in the book is explicitly written out, and every piece of code shown is a step towards building a simple working example Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2. This book is also geared towards developers with experience in Angular 1 who are looking to make the transition. What You Will Learn Understand how to best move an Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components, forms, and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency injection Know how to maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application In Detail Angular 2 introduces an entirely new way to build applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer. In addition to covering all the Angular 2 fundamentals, such as components, forms, and services, it demonstrates how the framework embraces a range of new web technologies such as ES6 and TypeScript syntax, Promises, Observables, and Web Workers, among many others. This book covers all the most complicated Angular concepts and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts you'll need to get you building applications faster. Oft-neglected topics such as testing and performance optimization are widely covered as well. A developer that reads through all the content in this book will have a broad and deep understanding of all the major topics in the Angular 2 universe. Style and approach This book follows a cookbook approach—each recipe presents a unique problem to which the solution is presented in a clear, concise, and manner step-by-step manner. With practical hands-on guidance in each and every recipe, you'll be able to get to grips with the concepts.

If you know HTML, CSS, and JavaScript, you already have the tools you need to develop Android applications. This hands-on book shows you how to use these open source web standards to design and build apps that can be adapted for any Android device -- without having to use Java. You'll learn how to create an

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Android-friendly web app on the platform of your choice, and then convert it to a native Android app with the free PhoneGap framework. Discover why device-agnostic mobile apps are the wave of the future, and start building apps that offer greater flexibility and a broader reach. Learn the basics for making a web page look great on the Android web browser Convert a website into a web application, complete with progress indicators and more Add animation with jQTouch to make your web app look and feel like a native Android app Take advantage of client-side data storage with apps that run even when the Android device is offline Use PhoneGap to hook into advanced Android features -- including the accelerometer, geolocation, and alerts Test and debug your app on the Web under load with real users, and then submit the finished product to the Android Market This book received valuable community input through O'Reilly's Open Feedback Publishing System (OFPS). Learn more at <http://labs.oreilly.com/ofps.html>.

Thought-provoking and accessible in approach, this updated and expanded second edition of the AngularJS: Up and Running: Enhanced Productivity with Structured Web Apps provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@risepress.pw Rise Press

If you want to get started with AngularJS, either as a side project, an additional tool, or for your main work, this practical guide teaches you how to use this meta-framework step-by-step, from the basics to advanced concepts. By the end of the book, you'll understand how to develop a large, maintainable, and performant application with AngularJS. Guided by two engineers who worked on AngularJS at Google, you'll learn the components needed to build data-driven applications, using declarative programming and the Model-view-controller pattern. You'll also learn how to conduct unit tests on each part of your application. Learn how to use controllers for moving data to and from views Understand when to use AngularJS services instead of controllers Communicate with the server to store, fetch, and update data asynchronously Know when to use AngularJS filters for converting data and values to different formats Implement single-page applications, using ngRoute to select views and navigation Dive into basic and advanced directives for creating reusable components Write an end-to-end test on a live version of your entire application Use best practices, guidelines, and tools throughout the development cycle

Microsoft Dynamics 365 Extensions Cookbook

Beginning AngularJS

Master the latest version of Bootstrap 4 to build highly customized responsive web apps, 2nd Edition

Build microservice-based cloud-native applications that dynamically scale

Up and Running: Enhanced Productivity with Structured Web Apps

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Getting MEAN with Mongo, Express, Angular, and Node

Learn how to build beautiful and highly customizable web interfaces by leveraging the power of Bootstrap 4 About This Book Adapt and

customize Bootstrap to produce enticing websites that fit your needs

Explore Bootstrap's grid system, helper classes, and responsive

utilities Extend Bootstrap with jQuery plugins and learn how to create

your own custom plugins Who This Book Is For This book targets

intermediate-level front-end web-developers. The book is not intended

to be an introduction to web development. As such, the book assumes

that readers have a firm grasp on the basic concepts behind web-

development, as well as essential HTML, JavaScript and CSS skills.

What You Will Learn Create a professional Bootstrap-based website from

scratch without using third-party templates Apply the Bootstrap mobile-

first grid system and add responsiveness and aesthetic touches to

image elements Style various types of content and learn how to build a

page's layout from scratch by applying the power of Bootstrap 4 Take

advantage of Bootstrap's form helper and contextual classes Infuse

your web pages with life and movement using Bootstrap jQuery plugins

Customize the behavior and features of Bootstrap's jQuery Plugins

extensively Optimize your Bootstrap-based project before deployment

Incorporate Bootstrap into an AngularJS or React application and use

Bootstrap components as AngularJS directives or React components In

Detail Bootstrap 4 is a free CSS and JavaScript framework that allows

developers to rapidly build responsive web-interfaces. Right from the

first chapter, dive into building a customized Bootstrap website from

scratch. Get to grips with Bootstrap's key features and quickly

discover the various ways in which Bootstrap can help you develop web-

interfaces. Then take walk through the fundamental features, such as

its grid system, helper classes, and responsive utilities. When you

have mastered these, you will discover how to structure page layouts,

use forms, style different types of content and utilize Bootstrap's

various navigation components. Among other things, you will also tour

the anatomy of a Bootstrap plugin, creating your own custom components

and extending Bootstrap using jQuery. Finally, you will discover how

to optimize your website and integrate it with third-party frameworks.

By the end of this book, you will have a thorough knowledge of the

framework's ins and outs, and be able to build highly customizable and

optimized web interfaces. Style and approach This comprehensive step-

by-step guide walks you through building a complete website using

Bootstrap 4. Each chapter is accompanied by source code and

screenshots, and focuses on a distinct set of lessons that are

illustrated within the context of a demo project.

This IBM® Redbooks® publication provides a technical overview of the

features, functions, and enhancements that are available in IBM i 7.2,

including all the available Technology Refresh (TR) levels, from TR1

to TR3. This publication provides a summary and brief explanation of

the many capabilities and functions in the operating system. It also

describes many of the licensed programs and application development

tools that are associated with IBM i. The information that is provided

in this book is useful for clients, IBM Business Partners, and IBM

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service professionals that are involved with planning, supporting, upgrading, and implementing IBM i 7.2 solutions.

Summary Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. This edition was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream release of JavaScript ES2015.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing context switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book helps you create a static site in Express and Node. Expanding on that solid foundation, you'll integrate a MongoDB database, build an API, and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive data-driven web applications!

What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN stack architecture Mobile-ready web apps Best practices for efficiency and reusability About the Reader Readers should be comfortable with standard web application designs and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack developers with decades of experience in JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing full-stack development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB database to the application Consuming a REST API: Using an API from inside Express PART 3 - ADDING A DYNAMIC FRONT END WITH ANGULAR Creating an Angular application with TypeScript Building a single-page application with Angular: Foundations Building a single-page application with Angular: The next level PART 4 - MANAGING AUTHENTICATION AND USER SESSIONS Authenticating users, managing sessions, and securing APIs Using an authentication API in Angular applications

Build responsive, dynamic, and mobile-first applications on the web with Bootstrap 4 Key Features Master the art of creating highly intuitive and responsive web interfaces with Bootstrap 4 Combine the power of Bootstrap and popular front-end JavaScript frameworks such as Angular and React to build cutting-edge web apps Infuse your web pages with life and movement using Bootstrap jQuery plugins Book Description Bootstrap 4 is a free CSS and JavaScript framework that allows developers to rapidly build responsive web interfaces. This book will help you use and adapt Bootstrap to produce enticing websites that fit your needs. You will build a customized Bootstrap website from scratch, using various approaches to customize the framework with increasing levels of skill. You will get to grips with Bootstrap's key

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features and quickly discover various ways in which Bootstrap can help you develop web interfaces. Then take a walk through the fundamental features, such as its grid system, global styles, helper classes, and responsive utilities. When you have mastered these, you will discover how to structure page layouts, utilize Bootstrap's various navigation components, use forms, and style different types of content. Among other things, you will also tour the anatomy of a Bootstrap plugin, create your own custom components, and extend Bootstrap using jQuery. You will also understand what utility classes Bootstrap 4 has to offer, and how you can use them effectively to speed up the development of your website. Finally, you will discover how to optimize your website and integrate it with third-party frameworks. By the end of this book, you will have a thorough knowledge of the framework's ins and outs, and will be able to build highly customizable and optimized web interfaces. What you will learn

- Create a professional Bootstrap-based website from scratch without using third-party templates
- Leverage Bootstrap's powerful grid system
- Style various types of content and learn how to build a page's layout from scratch by applying the power of Bootstrap 4
- Take advantage of Bootstrap's form helper and contextual classes
- Improve your website's overall user experience with headers and footers
- Infuse your web pages using Bootstrap jQuery plugins and create your own Bootstrap plugins
- Learn what utility classes Bootstrap 4 has to offer, how they are implemented, and the best way to use them.

Create more advanced web interfaces by leveraging the power of accordions, dropdowns, and list groups. Incorporate Bootstrap into an AngularJS or React application and use Bootstrap components as AngularJS directives

Who this book is for

This book targets readers who wish to leverage Bootstrap 4 to create responsive web applications. Basic knowledge of web development concepts and web technologies such as HTML, CSS, and JavaScript is required.

Mastering Bootstrap 4

Angular: Up and Running

Practical Data Integration for the Web

Learning Angular

JavaScript Cookbook

Build Better Applications with Coding and Design Patterns

With AngularJS, you can quickly build client-side applications that run well on any desktop or mobile platform, using REST web services for backend processes. You may have heard that the learning curve for this JavaScript MVC framework is too steep, but that's not the case. This practical guide provides a hands-on approach to learning AngularJS that will have you building high-quality applications and websites in no time. Along with a conceptual understanding of the framework, you'll also gain direct experience with AngularJS by building a sample application throughout the book. If you're familiar with JavaScript, web development, and software design concepts and patterns, this book is the perfect way to get started. Understand how AngularJS differs from other MVC frameworks

Learn about AngularJS controllers, views, and models by diving into the book's sample project

Connect your working application to public REST services

Build the application's security layer with non-REST AngularJS services

Explore the basics of building and testing AngularJS directives

Use AngularJS as part

of the MEAN stack (MongoDB, ExpressJS, AngularJS, and Node.js) Discover how search engine optimization relates to AngularJS applications and sites

Beginning AngularJS is your step-by-step guide to learning the powerful AngularJS JavaScript framework. AngularJS is one of the most respected and innovative frameworks for building properly structured, easy-to-develop web applications. This book will teach you the absolute essentials, from downloading and installing AngularJS, to using modules, controllers, expressions, filters, and directives. Unlike many other books, you don't need experience with AngularJS or deep JavaScript knowledge to get started here. This book will begin by teaching you the JavaScript you need to know, and then you'll get into the basics of AngularJS. You'll learn powerful AngularJS techniques through clear instructions. With what you learn you'll be able to properly structure your code into manageable modules, understand the MVC design patterns, create expressive and adaptive HTML forms, communicate with servers and use other AngularJS services, use the powerful built-in directives, and learn how to create your own. This might all seem unknown now, but with this book you'll understand it all. AngularJS is a powerful framework, and one which may require you to think a little differently. This book will help you avoid the common pitfalls and get you up to speed, and building solid AngularJS applications, quickly and painlessly. We make inaccessible and unusable websites and apps all the time, but it's not for lack of skill or talent. It's just a case of doing things the wrong way. We try to build the best experiences we can, but we only make them for ourselves and for people like us. This book looks at common interface patterns from the perspective of an inclusive designer—someone trained in building experiences that cater to the huge diversity of abilities, preferences and circumstances out there. There's no such thing as an 'average' user, but there is such a thing as an average developer. This book will take you from average to expert in the area that matters the most: making things more readable and more usable to more people.

Summary Angular Development with TypeScript, Second Edition is an intermediate-level tutorial that introduces Angular and TypeScript to developers comfortable with building web applications using other frameworks and tools. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Whether you're building lightweight web clients or full-featured SPAs, Angular is a clear choice. The Angular framework is fast, efficient, and widely adopted. Add the benefits of developing in the statically typed, fully integrated TypeScript language, and you get a programming experience other JavaScript frameworks just can't match. About the Book **Angular Development with TypeScript, Second Edition** teaches you how to build web applications with Angular and TypeScript. Written in an accessible, lively style, this illuminating guide covers core concerns like state management, data, forms, and server communication as you build a full-featured online auction app. You'll get the skills you need to write type-aware classes, interfaces, and generics with TypeScript, and discover time-saving best practices to use in your own work. What's inside Code samples for Angular 5, 6, and 7 Dependency injection Reactive programming The Angular Forms API About the Reader Written for intermediate web developers familiar with HTML, CSS, and JavaScript. About the Author Yakov Fain and Anton Moiseev are experienced trainers and web application developers. They have coauthored several books on software development. Table of Contents

- Introducing Angular
- The main artifacts of an Angular app
- Router basics
- Router advanced
- Dependency injection in Angular
- Reactive programming in Angular
- Laying out pages with Flex Layout
- Implementing component communications
- Change detection and component lifecycle
- Introducing the Forms API
- Validating forms

Interacting with servers using HTTP Interacting with servers using the WebSocket protocol Testing Angular applications Maintaining app state with ngrx

JSON at Work

Building Android Apps with HTML, CSS, and JavaScript

AngularJS Web Application Development Blueprints

Pro AngularJS

A Guide to AngularJS Development

JavaScript Patterns

What's the best approach for developing an application with JavaScript? This book helps you answer that question with numerous JavaScript coding patterns and best practices. If you're an experienced developer looking to solve problems related to objects, functions, inheritance, and other language-specific categories, the abstractions and code templates in this guide are ideal—whether you're using JavaScript to write a client-side, server-side, or desktop application. Written by JavaScript expert Stoyan Stefanov—Senior Yahoo! Technical and architect of YSlow 2.0, the web page performance optimization tool—JavaScript Patterns includes practical advice for implementing each pattern discussed, along with several hands-on examples. You'll also learn about anti-patterns: common programming approaches that cause more problems than they solve. Explore useful habits for writing high-quality JavaScript code, such as avoiding globals, using single var declarations, and more Learn why literal notation patterns are simpler alternatives to constructor functions Discover different ways to define a function in JavaScript Create objects that go beyond the basic patterns of using object literals and constructor functions Learn the options available for code reuse and inheritance in JavaScript Study sample JavaScript approaches to common design patterns such as Singleton, Factory, Decorator, and more Examine patterns that apply specifically to the client-side browser environment

Provides information on how to create interactive web applications using AngularJS, including how to define modules and utilize dependency injection, build dynamic browser views, and create custom directives to extend HTML.

This book shows you how to integrate ASP.NET Core with Angular, Bootstrap, and similar frameworks, with a bit of Nuget, continuous deployment, Bower dependencies, and Gulp build systems, including development beyond Windows on Mac and Linux.

Summary Angular in Action teaches you everything you need to build production-ready Angular applications. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology

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Angular makes it easy to deliver amazing web apps. This powerful JavaScript platform provides the tooling to manage your project, libraries to help handle most common tasks, and a rich ecosystem full of third-party capabilities to add as needed. Built with developer productivity in mind, Angular boosts your efficiency with a modern component architecture, well-constructed APIs, and a rich community. About the Book Angular in Action teaches you everything you need to build production-ready Angular applications. You'll start coding immediately, as you move from the basics to advanced techniques like testing, dependency injection, and performance tuning. Along the way, you'll take advantage of TypeScript and ES2015 features to write clear, well-architected code. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. What's Inside Spinning up your first Angular application A complete tour of Angular's features Comprehensive example projects Testing and debugging Managing large applications About the Reader Written for web developers comfortable with JavaScript, HTML, and CSS. About the Author Jeremy Wilken is a Google Developer Expert in Angular, Web Technologies, and Google Assistant. He has many years of experience building web applications and libraries for eBay, Teradata, and VMware. Table of Contents Angular: a modern web platform Building your first Angular app App essentials Component basics Advanced components Services Routing Building custom directives and pipes Forms Testing your application Angular in production

Professional AngularJS

Learn Angularjs in 1 Day

Practical Node.js

Front-end Development with ASP.NET Core, Angular, and Bootstrap

Enhanced Productivity with Structured Web Apps

Coding Accessibility Into Web Design

Learn to build single page web apps using Angular 5 and TypeScript by working through 70+ mini-projects. With hundreds of code examples you gain a thorough understanding of the Angular 5 ecosystem and how to work within it. You'll begin by understanding the benefits of Angular 5 vs older versions, and how this benefits your applications. You'll then move onto mini-projects that teach you JavaScript, TypeScript, how to use editors, Node, CLI, components, modules, directives, Webpack, dependency injection, widgets, routes and navigation, observers, reactive programming, and RxJS. Complete with a consistently-updated online code repository, this book is a great way to get started with Angular 5. What You'll Learn Develop single page web applications using Angular 5 Understand the web development ecosystem Use Node, JavaScript and TypeScript Who This Book Is For New or experienced developers who wish

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to develop single page web applications in Angular and the TypeScript language. Annotation Develop smaller, lighter web apps that are simple to create and easy to test, extend, and maintain as they grow. This hands-on guide introduces you to AngularJS, the open source JavaScript framework that uses model-view-controller (MVC) architecture, data binding, client-side templates and dependency injection to create a much-needed structure for building web apps. 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 add-ons. 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.

If you are a web application developer interested in using AngularJS for a real-life project, then this book is for you. As a prerequisite, knowledge of JavaScript and HTML is expected, and a working knowledge of AngularJS is preferred.

Full Stack Web App Development with Mongo, Express, React, and Node

Deliver Modern UI for IBM BPM with the Coach Framework and Other Approaches

Complete Angular Js Guide with Examples

Learn to Build Single Page Web Applications Using 70+ Projects

ReactJS by Example - Building Modern Web Applications with React

Ng-Book - the Complete Book on Angularjs

Node.js, MongoDB and Angular Web Development The definitive guide to using the MEAN stack to build web applications Node.js is a leading server-side programming environment, MongoDB is the most popular NoSQL database, and Angular is the leading framework for MVC-based front-end development. Together, they provide an easy-to-implement, fully integrated web development stack that allows web programmers to create high-performance sites and applications built completely in JavaScript, from server to client. Updated for Angular 2, Angular 4, and subsequent versions, this new edition of Node.js, MongoDB and Angular Web Development shows you how to integrate these three technologies into complete working solutions. It begins with concise, crystal-clear tutorials on each technology and then quickly moves on to building common web applications. You'll learn how to use Node.js and MongoDB to build more scalable, high-performance sites, how to leverage Angular's innovative MVC approach to structure more effective pages and applications, and how to use all three together to deliver outstanding next-generation Web solutions. Implement a highly scalable and dynamic web server using Node.js and Express Implement a MongoDB data store for your web applications Access and interact with MongoDB from Node.js JavaScript code Learn the basics of TypeScript Define custom Angular directives that extend the HTML language Build server-side web services in JavaScript Implement client-side services that can interact with the Node.js web server Build dynamic browser views that provide rich user interaction Add authenticated user accounts and nested comment components to your web applications and pages Contents at a Glance Part I: Getting Started 1 Introducing the Node.js-to-Angular Stack 2 JavaScript Primer Part II: Learning Node.js 3 Getting Started with Node.js 4 Using Events, Listeners, Timers, and Callbacks in Node.js 5 Handling Data I/O in Node.js 6 Accessing the File System from Node.js 7 Implementing HTTP Services in Node.js 8 Implementing Socket Services in Node.js 9 Scaling Applications Using Multiple Processors in Node.js 10 Using Additional Node.js Modules Part III: Learning MongoDB 11 Understanding NoSQL and MongoDB 12 Getting Started with MongoDB 13 Getting Started with MongoDB and Node.js 14 Manipulating MongoDB Documents from Node.js 15 Accessing MongoDB from Node.js 16 Using Mongoose for Structured Schema and Validation 17 Advanced MongoDB Concepts Part IV: Using Express to Make Life Easier 18 Implementing Express in Node.js 19 Implementing Express Middleware Part V: Learning Angular 20 Jumping into TypeScript 21 Getting Started with Angular 22 Angular Components 23 Expressions 24 Data Binding 25 Built-in Directives Part VI: Advanced Angular 26 Custom Directives 27 Events and Change Detection 28 Implementing Angular Services in Web Applications 29 Creating Your Own Custom Angular Services 30 Having Fun with Angular

Angular JS is responsible for making the website interactive and responsive. It helps designer and developers to eliminate much of the code usually needed for websites development. Angular JS is based upon MVC model. To learn and harness more power of the Angular JS framework, it takes a continuous intervention from an expert. But if you like to learn by yourself without spending big bucks behind expensive courses. This e-book could be your ultimate guide to AngularJS or AngularJS 2 Programming. The book covers all basic fundamentals of Angular JS like Routes, Modules, Directives, Dependency Injection and so on. The images and examples are well-illustrated addressing each and every glitch of Angular JS. The book purpose is to make Angular JS easier, simpler and interesting such that even beginners will feel like a pro at the end of the book. This edition promises your eventual mastery of AngularJS. The best thing about the book is that it is small and can be completed in a day. It will not only save your time but also accomplish our goal to save your effort in learning all needless jargons of Angular JS. With this e-book, you will be ready to create angular UI development as well as large scale applications effortlessly.

Table Of Content

Chapter 1: What is AngularJS? AngularJS Features AngularJS Architecture AngularJS Advantages

Chapter 2: Hello World

Chapter 3: Controller What Controller does from Angular's perspective How to build a basic Controller How to define Methods in Controller Using ng-controller in External Files

Chapter 4: What is \$Scope in AngularJS?

Chapter 5: ng-repeat Directive

Chapter 6: How to use ""ng-model"" The ng-model Attribute How to use ng-model

Chapter 7: ng-view What is a View? ng-view Directive in AngularJS ng-view Example

Chapter 8: Expressions Explain Angular.js Expressions with an example Angular.JS Numbers AngularJS Strings Angular.JS Objects AngularJS Arrays AngularJS Expression capabilities and Limitations Difference between expression and \$eval

Chapter 9: Filter Lowercase Uppercase Number Currency JSON

Chapter 10: Custom Filter

Chapter 11: Directive

Chapter 12: CUSTOM Directive How to Create a Custom Directive? AngularJs Directives and Scopes Using controllers with directives How to create reusable directives AngularJS Directives and components - ng-transclude Nested directives Handling events in a directive

Chapter 13: Module How to Create a module in AngularJS Modules and Controllers

Chapter 14: Events The ng-click directive Showing HTML Elements using ng-show Hiding HTML Elements using ng-hide AngularJS Event Listener Directives

Chapter 15: Routing with Parameters Adding Angular Route (\$routeProvider) Creating a default route Accessing parameters from the route Using Angular \$route service Enabling HTML5 Routing

Chapter 16: AJAX Call High-level interactions with servers using \$resource Low-level server interactions with \$http Fetching data from a server running SQL and MySQL

Chapter 17: Table

Chapter 18: Form Validation

JSON is becoming the backbone for meaningful data interchange over the internet. This format is now supported by an entire ecosystem of standards, tools, and technologies for building truly elegant, useful, and efficient applications. With this hands-on guide, author and architect Tom Marrs shows you how to build enterprise-class applications and services by leveraging JSON tooling and message/document design. JSON at Work provides application architects and developers with guidelines,

best practices, and use cases, along with lots of real-world examples and code samples. You'll start with a comprehensive JSON overview, explore the JSON ecosystem, and then dive into JSON's use in the enterprise. Get acquainted with JSON basics and learn how to model JSON data Learn how to use JSON with Node.js, Ruby on Rails, and Java Structure JSON documents with JSON Schema to design and test APIs Search the contents of JSON documents with JSON Search tools Convert JSON documents to other data formats with JSON Transform tools Compare JSON-based hypermedia formats, including HAL and jsonapi Leverage MongoDB to store and access JSON documents Use Apache Kafka to exchange JSON-based messages between services

Get introduced to full stack enterprise development. Whether you are new to AngularJS and Spring RESTful web services, or you are a seasoned expert, you will be able to build a full-featured web application from scratch using AngularJS and Spring RESTful web services. Full stack web development is in demand because you can explore the best of different tools and frameworks and yet make your apps solid and reliable in design, scalability, robustness, and security. This book assists you in creating your own full stack development environment that includes the powerful and revamped AngularJS, and Spring REST. The architecture of modern applications is covered to prevent the development of isolated desktop and mobile applications. By the time you reach the end of this book you will have built a full-featured dynamic app. You will start your journey by setting up a Spring Boot development environment and creating your RESTful services to perform CRUD operations. Then you will migrate the front-end tools—AngularJS and Bootstrap—into your Spring Boot application to consume RESTful services. You will secure your REST API using Spring Security and consume your secured REST API using AngularJS. What You'll Learn Build a REST application with Spring Boot Expose CRUD operations using RESTful endpoints Create a single page application by integrating Angular JS and Bootstrap in Spring Boot Secure REST APIs using Spring Security Consume secured RESTful Services using Angular JS Build a REST client using a REST template to consume RESTful services Test RESTful services using the Spring MVC Test Framework Who This Book Is For Web application developers with previous Java programming experience who want to create enterprise-grade, scalable Java apps using powerful front tools such as AngularJS and Bootstrap along with popular back-end frameworks such as Spring Boot

Angularjs

Learning AngularJS

Angular Development with TypeScript

Angular 5 Projects

Testable JavaScript

Cloud-Native Applications in Java

Assemble the complete stack required to build a modern web app using MongoDB, Express, React, and Node. This book also covers many other complementary tools: React Router, GraphQL, React-Bootstrap, Babel, and Webpack. This new edition will use the latest version of React (React 16) and the

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latest React Router (React Router 4), which has a significantly different approach to routing compared to React Router 2 which was used in the first edition of the book. Though the primary focus of Pro MERN Stack is to equip you with all that is required to build a full-fledged web application, a large portion of the book will be devoted to React 16. The popular MEAN (MongoDB, Express, AngularJS, Node) stack introduced Single Page Apps (SPAs) and front-end Model-View-Controller (MVC) as new and efficient paradigms. Facebook's React is a technology that competes indirectly with AngularJS. It is not a full-fledged MVC framework. It is a JavaScript library for building user interfaces (in some sense the View part). Yet, it is possible to build a web app by replacing AngularJS with React – hence the term MERN stack. What You Will Learn Discover the features of React 16 to get the maximum out of this library Gain the basics of MongoDB, Express, and Node to build a web app Work with other libraries complementary to React, including React-Bootstrap, React Router, and GraphQL Use tools such as Babel and Webpack required to build JavaScript-based SPAs Tie all the components together to build a complete web app. Who This Book Is For Developers and architects who have prior experience in any web app stack other than the MERN stack will find the book useful to learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required.

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

Highly available microservice-based web apps for Cloud with Java Key Features Take advantage of the simplicity of Spring to build a full-fledged application Let your applications run faster while generating smaller cloud service bills Integrate your application with various tools such as Docker and Elasticsearch and use specific tools in Azure and AWS Book Description Businesses today are evolving so rapidly that they are resorting to the elasticity of the cloud to provide a platform to build and deploy their highly scalable applications. This means developers now are faced with the challenge of building build applications that are native to the cloud. For this, they need to be aware of the environment, tools, and resources they're coding against. If you're a Java developer who wants to build secure, resilient, robust, and scalable applications that are targeted for cloud-based deployment, this is the book for you. It will be your one stop guide to building cloud-native applications in Java Spring that are hosted in On-prem or cloud providers - AWS and Azure The book begins by explaining the driving factors for cloud adoption and shows you how cloud deployment is different from regular application deployment on a standard data centre. You will learn about design patterns specific to applications running in the cloud

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and find out how you can build a microservice in Java Spring using REST APIs You will then take a deep dive into the lifecycle of building, testing, and deploying applications with maximum automation to reduce the deployment cycle time. Gradually, you will move on to configuring the AWS and Azure platforms and working with their APIs to deploy your application. Finally, you'll take a look at API design concerns and their best practices. You'll also learn how to migrate an existing monolithic application into distributed cloud native applications. By the end, you will understand how to build and monitor a scalable, resilient, and robust cloud native application that is always available and fault tolerant. What you will learn See the benefits of the cloud environment when it comes to variability, provisioning, and tooling support Understand the architecture patterns and considerations when developing on the cloud Find out how to perform cloud-native techniques/patterns for request routing, RESTful service creation, Event Sourcing, and more Create Docker containers for microservices and set up continuous integration using Jenkins Monitor and troubleshoot an application deployed in the cloud environment Explore tools such as Docker and Kubernetes for containerization and the ELK stack for log aggregation and visualization Use AWS and Azure specific tools to design, develop, deploy, and manage applications Migrate from monolithic architectures to a cloud native deployment Who this book is for Java developers who want to build secure, resilient, robust and scalable applications that are targeted for cloud based deployment, will find this book helpful. Some knowledge of Java, Spring, web programming and public cloud providers (AWS, Azure) should be sufficient to get you through the book.

Summary Scalatra in Actionintroduces the Scalatra framework and the Sinatra model. It covers the framework in its entirety, starting with concepts like request routing, input handling, actions, and HTTP responses, then proceeds to more advanced topics, such as data access, handling heavy load, asynchronicity, securing applications, designing and documenting RESTful APIs, and real-time web programming. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Scalatra is a lightweight Scala web framework similar to the popular Ruby-based Sinatra. It's perfect for running real-time applications on multicore servers, and is a fast way to spin up web apps and build HTTP APIs for mobile, Backbone.js, and AngularJS apps. About the Book Scalatra in Actioncovers the Scalatra framework in its entirety, starting with concepts such as request routing, input handling, actions, and HTTP responses. For readers who don't already know Scala, the book introduces the Scala language and sbt, the Simple Build Tool. You'll learn how to use Scalatra's powerful templating engine, Scalate. It also covers advanced topics such as data access, handling heavy load, asynchronicity, securing your application, designing RESTful APIs, and real-time web programming. What's Inside Make clean templates using Scalate Integrate with libraries that supplement Scalatra Write tests using Specs2 Integrate Scalatra with databases About the Reader Readers should be familiar with the basics of HTTP, REST, and web applications. No experience with Scalatra, Sinatra, or Scala is required. About the Authors Dave Hrycyszyn is technical director for a London-based agency specializing in agile software design and development. Stefan Ollinger is an active Scalatra contributor. Ross A. Baker is a Senior Cloud Engineer, a Scalate commiter, and organizer of the Indy Scala meetup. Table of Contents PART 1 INTRODUCTION TO SCALATRA Introduction A taste of Scalatra Routing Working with user input PART 2 COMMON DEVELOPMENT TASKS Handling JSON Handling files Server-side templating Testing Configuration, build, and deployment Working with a database PART 3 ADVANCED TOPICS Authentication Asynchronous programming Creating a RESTful JSON API with Swagger Pro MERN Stack A Hands-On Guide to Building Web Applications Using React and Redux Linked Open Data -- Creating Knowledge Out of Interlinked Data Full Stack AngularJS for Java Developers Inclusive Design Patterns A no-nonsense beginner's guide to building web applications with Angular 10 and TypeScript, 3rd Edition

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IBM® Coach Framework is a key component of the IBM Business Process Manager (BPM) platform that enables custom user interfaces to be easily embedded within business process solutions. Developer tools enable process authors to rapidly create a compelling user experience (UI) that can be delivered to desktop and mobile devices. IBM Process Portal, used by business operations to access, execute, and manage tasks, is entirely coach-based and can easily be configured and styled. A corporate look and feel can be defined using a graphical theme editor and applied consistently across all process applications. The process federation capability enables business users to access and execute all their tasks using a single UI without being aware of the implementation or origin. Using Coach Framework, you can embed coach-based UI in other web applications, develop BPM UI using alternative UI technology, and create mobile applications for off-line working. This IBM Redbooks® publication explains how to fully benefit from the power of the Coach Framework. It focuses on the capabilities that Coach Framework delivers with IBM BPM version 8.5.7. The content of this document, though, is also pertinent to future versions of the application.

AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. AngularJS, which is maintained by Google, brings the power of the Model-View-Controller (MVC) pattern to the client, providing the foundation for complex and rich web apps. It allows you to build applications that are smaller, faster, and with a lighter resource footprint than ever before. Best-selling author Adam Freeman explains how to get the most from AngularJS. He begins by describing the MVC pattern and the many benefits that can be gained from separating your logic and presentation code. He then shows how you can use AngularJS's features within in your projects to produce professional-quality results. Starting from the nuts-and-bolts and building up to the most advanced and sophisticated features AngularJS is carefully unwrapped, going in-depth to give you the knowledge you need. 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 a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them. Develop smaller, lighter web apps that are simple to create and easy to test, extend, and maintain as they grow. This hands-on guide introduces you to AngularJS, the open source JavaScript framework that uses Model-view-controller (MVC) architecture, data binding, client-side templates, and dependency injection to create a much-needed structure for building web apps. Guided by two engineers who worked on AngularJS at Google, you'll walk through the framework's key features, and then build a working AngularJS app—from layout to testing, compiling, and debugging. If you have JavaScript experience, you'll learn how AngularJS helps reduce the complexity of your web app. Dive deep into Angular's building blocks and learn how they work together Gain maximum flexibility by separating logic, data, and presentation responsibilities with MVC Assemble your full app in the browser, using

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client-side templates Use AngularJS directives to extend HTML with declarative syntax Communicate with the server and implement simple caching with the \$http service Use dependency injection to improve refactoring, testability, and multiple environment design Get code samples for common problems you face in most web apps

If you want to build cross-platform web applications using the robust Angular web framework, this book is for you. Learning Angular will cover the core concepts of frontend web development using easy-to-follow instructions to help you get up and running with Angular web development in no time.

AngularJS: Up and Running

Learning Angular, Step by Step

Build a Full-Featured Web Application from Scratch Using AngularJS with Spring RESTful

AngularJS

IBM i 7.2 Technical Overview with Technology Refresh Updates

Angular in Action

More than 80 recipes to help you leverage the various extensibility features available for Microsoft Dynamics and solve problems easily About This Book Customize, configure, and extend the vanilla features of Dynamics 365 to deliver bespoke CRM solutions fit for any organization Implement business logic using point-and-click configuration, plugins, and client-side scripts with MS Dynamics 365 Built a DevOps pipeline as well as Integrate Dynamics 365 with Azure and other platforms Who This Book Is For This book is for developers, administrators, consultants, and power users who want to learn about best practices when extending Dynamics 365 for enterprises. You are expected to have a basic understand of the Dynamics CRM/365 platform. What You Will Learn Customize, configure, and extend Microsoft Dynamics 365 Create business process automation Develop client-side extensions to add features to the Dynamics 365 user interface Set up a security model to securely manage data with Dynamics 365 Develop and deploy clean code plugins to implement a wide range of custom behaviors Use third-party applications, tools, and patterns to integrate Dynamics 365 with other platforms Integrate with Azure, Java, SSIS, PowerBI, and Octopus Deploy Build an end-to-end DevOps pipeline for Dynamics 365 In Detail Microsoft Dynamics 365 is a powerful tool. It has many unique features that empower organisations to bridge common business challenges and technology pitfalls that would usually hinder the adoption of a CRM solution. This book sets out to enable you to harness the power of Dynamics 365 and cater to your unique circumstances. We start this book with a no-code configuration chapter and explain the schema, fields, and forms modeling techniques. We then move on to server-side and client-side custom code extensions. Next, you will see how best to integrate Dynamics 365 in a DevOps pipeline to package and deploy your extensions to the various SDLC environments. This book also covers modern libraries and integration patterns that can be used with Dynamics 365 (Angular, 3 tiers, and many others). Finally, we end by highlighting some of the powerful extensions available. Throughout we explain a range of design patterns and techniques that can be used to enhance your code quality; the aim is that you will learn to write enterprise-scale quality code. Style and approach This book takes a recipe-based approach, delivering practical examples and use cases so that you can identify the best possible approach to extend your Dynamics 365 deployment and tackle your specific business problems.

One skill that's essential for any professional JavaScript developer is the ability to write testable code. This book shows you what writing and maintaining testable JavaScript for the client- or server-side actually entails, whether you're creating a new application or rewriting legacy code. From methods to reduce code complexity to unit testing, code coverage, debugging, and automation, you'll learn a holistic approach for writing JavaScript code that you and your colleagues can easily fix and maintain going forward. Testing JavaScript code is complicated. This book helps experienced JavaScript

developers simply the process considerably. Get an overview of Agile, test-driven development, and behavior-driven development Use patterns from static languages and standards-based JavaScript to reduce code complexity Learn the advantages of event-based architectures, including modularity, loose coupling, and reusability Explore tools for writing and running unit tests at the functional and application level Generate code coverage to measure the scope and effectiveness of your tests Conduct integration, performance, and load testing, using Selenium or CasperJS Use tools for in-browser, Node.js, mobile, and production debugging Understand what, when, and how to automate your development processes

Linked Open Data (LOD) is a pragmatic approach for realizing the Semantic Web vision of making the Web a global, distributed, semantics-based information system. This book presents an overview on the results of the research project "LOD2 -- Creating Knowledge out of Interlinked Data". LOD2 is a large-scale integrating project co-funded by the European Commission within the FP7 Information and Communication Technologies Work Program. Commencing in September 2010, this 4-year project comprised leading Linked Open Data research groups, companies, and service providers from across 11 European countries and South Korea. The aim of this project was to advance the state-of-the-art in research and development in four key areas relevant for Linked Data, namely 1. RDF data management; 2. the extraction, creation, and enrichment of structured RDF data; 3. the interlinking and fusion of Linked Data from different sources and 4. the authoring, exploration and visualization of Linked Data.

Ready to master AngularJS? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research.

Results of the LOD2 Project

Angular 2 Cookbook

Learning React

Scalatra in Action

Node.js, MongoDB and Angular Web Development

Building Real-World Scalable Web Apps

This book will demystify Angular as a framework, as well as provide clear instructions and examples on how to get started with writing scalable Angular applications. Angular: Up & Running covers most of the major pieces of Angular, but in a structured manner that is generally used in hands-on training. Each chapter takes one concept, and use examples to cover how it works. Problems to work on (with solutions) at the end of each chapter reinforce the learnings of each chapter and allow readers to really get hands-on with Angular.

Why reinvent the wheel every time you run into a problem with JavaScript? This cookbook is chock-full of code recipes that address common programming tasks, as well as techniques for building web apps that work in any browser. Just copy and paste the code samples into your project—you'll get the job done faster and learn more about JavaScript in the process. You'll also learn how to take advantage of the latest features in ECMAScript 5 and HTML5, including the new cross-domain widget communication technique, HTML5's video and audio elements, and the drawing canvas. You'll find recipes for using these features with JavaScript to build high-quality application interfaces. Create interactive web and

desktop applications Work with JavaScript objects, such as String, Array, Number, and Math Use JavaScript with Scalable Vector Graphics (SVG) and the canvas element Store data in various ways, from the simple to the complex Program the new HTML5 audio and video elements Implement concurrent programming with Web Workers Use and create jQuery plug-ins Use ARIA and JavaScript to create fully accessible rich internet applications Learn how to build a wide range of scalable real-world web applications using a professional development toolkit. If you already know the basics of Node.js, now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages. With this book, you'll work with a varied collection of standards and frameworks and see how all those pieces fit together. Practical Node.js takes you from installing all the necessary modules to writing full-stack web applications. You'll harness the power of the Express.js and Hapi frameworks, the MongoDB database with Mongoose and Mongojs. You'll also work with Pug and Handlebars template engines, Stylus and LESS CSS languages, OAuth and Everyauth libraries, and the Socket.IO and Derby libraries, and everything in between. This exciting second edition is fully updated for ES6/ES2015 and also covers how to deploy to Heroku and AWS, daemonize apps, and write REST APIs. You'll build full-stack real-world Node.js apps from scratch, and also discover how to write your own Node.js modules and publish them on NPM. You already know what Node.js is; now learn what you can do with it and how far you can take it! What You'll Learn Manipulate data from the mongo console Use the Mongoose and Mongoose MongoDB libraries Build REST API servers with Express and Hapi Deploy apps to Heroku and AWS Test services with Mocha, Expect and TravisCI Utilize sessions for authentication Implement a third-party OAuth strategy with Everyauth Apply Redis, domains, WebSockets, and clusters Write your own Node.js module, and publish it on NPM Who This Book Is For Web developers who have some familiarity with the basics of Node.js and want to learn how to use it to build apps in a professional environment.

A comprehensive guide to AngularJS, Google's open-source client-side framework for app development. Most of the existing guides to AngularJS struggle to provide simple and understandable explanations for more advanced concepts. As a result, some developers who understand all the basic concepts of AngularJS struggle when it comes to building more complex real-world applications. Professional AngularJS provides a thorough understanding of AngularJS, covering everything from basic concepts, such as directives and data binding, to more advanced concepts like transclusion, build systems, and automated integration testing. In addition to explaining the features of AngularJS, this book distills real-world experience on how these features fit together to enable teams to work together more effectively in building extraordinary apps. Offers a more thorough and comprehensive approach to AngularJS Includes pointers to other advanced topics Lets you build a simple application from scratch, explaining basic building blocks along the way for quick hands-on learning

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***The definitive guide to using the MEAN stack to build web applications
Ensuring Reliable Code***