

Pro Asp Net Mvc 5 Client

Summary .NET Core in Action shows .NET developers how to build professional software applications with .NET Core. Learn how to convert existing .NET code to work on multiple platform or how to start new projects with knowledge of the tools and capabilities of .NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology .NET Core is an open source framework that lets you write and run .NET applications on Linux and Mac, without giving up on Windows. Built for everything from lightweight web apps to industrial-strength distributed systems, it's perfect for deploying .NET servers to a cloud platform, including AWS and GCP. About the Book .NET Core in Action introduces you to cross-platform development with .NET Core. This hands-on guide concentrates on new Core features as you walk through familiar tasks like testing, logging, data access, and networking. As you go, you'll explore modern architectures like microservices and cloud data storage, along with practical matters like performance profiling, localization, and signing assemblies. What's Inside Choosing the right tools Testing, profiling, and debugging Interacting with web services Converting existing projects to .NET Core Creating and using NuGet packages About the Reader All examples are in C#. About the Author Dustin Metzgar is a seasoned developer and architect involved in numerous .NET Core projects. Dustin works for Microsoft. Table of Contents Why .NET Core? Building your first .NET Core applications How to build with .NET Core Unit testing with xUnit Working with relational databases Simplify data access with object-relational mappers Creating a microservice Debugging Performance and profiling Building world-ready applications Multiple frameworks and runtimes Preparing for release appendix A - Frameworks and runtimes appendix B -

xUnit command-line options appendix C - What's in the .NET Standard Library? appendix D - NuGet cache locations

ASP.NET MVC is a framework from Microsoft for building web apps. It follows the Model View Controller design pattern to keep the data, views, and logic clearly separated in apps, and encourages developers to follow good coding practices. The framework provides the Razor view engine for creating a consistent look and feel in your apps, and HTML helpers to provide an easy way to design your app without having to write a lot of the markup on your own. With ASP.NET MVC by Nick Harrison, you will learn how to use these features and more, including how to integrate your app with jQuery, and how to use MVC scaffolding to automatically generate the more tedious portions of your code. This updated and expanded second edition of Book 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 all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Thought-provoking and accessible in approach, this updated and expanded second edition of the ASP.NET Programming: The Ultimate Crash Course To HTML5 and ASP.Net 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

Professional developers will produce leaner applications for the ASP.NET Core platform using the guidance in this best-selling book, now in its 9th edition and updated for ASP.NET Core for .NET 6. It contains detailed explanations of the ASP.NET Core platform and the application frameworks it supports. This cornerstone guide puts ASP.NET Core for .NET 6 into context and dives deep into the tools and techniques required to build modern, extensible web applications. New features and capabilities such as MVC, Razor Pages, Blazor Server, and Blazor WebAssembly are covered, along with demonstrations of how they are applied. ASP.NET Core for .NET 6 is the latest evolution of Microsoft's ASP.NET web platform and provides a "host-agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core for .NET 6. He starts with the nuts-and-bolts topics, teaching you about middleware components, built-in services, request model binding, and more. As you gain knowledge and confidence, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. He goes in depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up to date for the new ASP.NET Core for .NET 6 release and broadens the focus to include all of the ASP.NET Core platform. You will appreciate the fully worked case study of a functioning ASP.NET Core application that you can use as a template for your own project. Source code for this book can be found at <https://github.com/Apress/pro-asp.net-core-6>. What You Will Learn Explore the entire ASP.NET Core platform Apply the new ASP.NET Core for .NET 6 features in your developer environment See how to create RESTful web services, web

applications, and client-side applications Build on your existing knowledge to get up and running with new programming model quickly and effectively Who This Book Is For Web developers with a basic knowledge of web development and C# who want incorporate the latest improvements and functionality in ASP.NET Core for .NET 6 into their own projects.

100 Easy Recipes in Jars

Pro ASP.NET Core MVC 2

Professional ASP.NET MVC 3

Full-stack web development with .NET 5 and Angular 11, 4th Edition

Essential Angular for ASP.NET Core MVC

Pro ASP.NET Core MVC

Build robust modern web applications using .NET 5, Entity Framework Core, and Angular 11 Key Features Updated with the latest features and additions in ASP.NET Core 5 and Angular 11 Design, build, and deploy a Single Page Application or Progressive Web App Adopt a full stack approach to handle data management, Web APIs, application design, testing, SEO, security, and deployment Book Description Learning full-stack development calls for knowledge of both front-end and back-end web development. ASP.NET Core 5 and Angular, Fourth Edition will enhance your ability to create, debug, and deploy efficient web applications using ASP.NET Core and Angular. This revised edition includes coverage of the Angular routing module, expanded discussion on the Angular CLI, and detailed instructions for deploying apps on Azure, as well as both Windows and Linux. Taking care to explain and challenge design

choices made throughout the text, Valerio teaches you how to build a data model with Entity Framework Core, alongside utilizing the Entity Core Fluent API and EntityTypeConfiguration class. You'll learn how to fetch and display data and handle user input with Angular reactive forms and front-end and back-end validators for maximum effect. Later, you will perform advanced debugging and explore the unit testing features provided by xUnit.net (.NET 5) and Jasmine, as well as Karma for Angular. After adding authentication and authorization to your apps, you will explore progressive web applications (PWAs), learning about their technical requirements, testing, and converting SWAs to PWAs. By the end of this book, you will understand how to tie together the front end and back end to build and deploy secure and robust web applications. What you will learn

Implement a web API interface with ASP.NET Core and consume it with Angular using RxJS
Set up an SQL database server using a local instance or a cloud data store
Perform C# and TypeScript debugging using Visual Studio 2019
Create TDD and BDD unit tests using xUnit, Jasmine, and Karma
Perform DBMS structured logging using third-party providers such as SeriLog
Deploy web apps to Windows and Linux web servers, or Azure App Service, using IIS, Kestrel, and nginx
Who this book is for
This book is for experienced ASP.NET developers who already possess some familiarity with ASP.NET

Core and Angular and are looking to learn how to use them effectively together. The fully documented code samples (also available on GitHub) and the step-by-step implementation tutorials make this book easy to follow.

The comprehensive Wrox guide for creating Java web applications for the enterprise This guide shows Java software developers and software engineers how to build complex web applications in an enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions As a step-by-step guide or a general reference, this book provides an all-in-one Java development solution Explains Java Enterprise Edition 7 and the basic web application, how to set up a development application server environment, which tools are needed during the development process, and how to apply various Java technologies Covers new language features in Java 8, such as Lambda Expressions, and the new Java 8 Date & Time API introduced as part of JSR 310, replacing the legacy

Date and Calendar APIs Demonstrates the new, fully-duplex WebSocket web connection technology and its support in Java EE 7, allowing the reader to create rich, truly interactive web applications that can push updated data to the client automatically Instructs the reader in the configuration and use of Log4j 2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth Professional Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

MVC (Model-View-Controller) is the popular Microsoft technology which enables you to build dynamic, data-driven, mobile websites, TDD site. Hands-On with ASP.NET MVC is not only written for those who are going to have affair with MVC for the 1st time, rather it is written in such a way that even experienced professional will love reading this book. This book covers all the tiny steps on using MVC at its

best. With complete practical tutorials to illustrate the concepts, you will step by step build one End to End application which covers below mentioned techniques - Controllers, Views, Models, Forms and HTML helpers, Data annotation and Validation, Membership, Authorization, Security rather you will also learn how to bootstrap your design, then how to host the app in AZURE, Web API and Dependency Injection. It also covers MVC 5 and MVC 6 features like, • Mobile optimization, • Improved Scaffolding, • ASP.Net Identity, • One ASP.Net, Bootstrap • Common framework for MVC, • Web API and WebPages, • Self hosting, • Cloud Optimized, • No Build Dependency, • Cross platform support, • And many more out of the box things.

Get up and running quickly with Microsoft ASP.NET MVC and Entity Framework as you build and deploy complex websites. By using a fully working example retail website you will learn solutions to real-world issues that developers frequently encounter. Whether you are a novice developer or an experienced .NET developer wishing to learn more about MVC and Entity Framework, author Lee Naylor will teach you how to develop a detailed database-driven example website using Microsoft ASP.NET and Entity Framework Code First with fully explained code examples. What You Will Learn: • Get up and running quickly with ASP.NET MVC and Entity Framework to build a complex website to display and

manage several related entities• Integrate identity code into a project• Understand advanced topics, including asynchronous database access and managing data conflicts• Work with Microsoft Azure, including remote debugging and database access• Develop your CSS skills, including animations and media queries for use with tablet or mobile/cell phone devices

Who This Book Is For: Novice developers new to the subject through to more experienced ASP.NET web forms developers looking to migrate from web forms to MVC and Entity Framework. The book assumes some programming knowledge such as object-oriented programming concepts and a basic knowledge of C#.

Pro ASP.NET MVC Framework

Covering MVC 6

Using .NET Core and Modern JavaScript Frameworks

Professional Java for Web Applications

Pro ASP.NET Core Identity

Developing Real-World Web Applications with

ASP.NET MVC

The ASP.NET MVC 5 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 5 contains a number of advances over previous versions, including the ability to define routes using C# attributes and the ability to override

filters. The user experience of building MVC applications has also been substantially improved. The new, more tightly integrated, Visual Studio 2013 IDE has been created specifically with MVC application development in mind and provides a full suite of tools to improve development times and assist in reporting, debugging and deploying your code. The popular Bootstrap JavaScript library has also now been included natively within MVC 5 providing you, the developer, with a wider range of multi-platform CSS and HTML5 options than ever before without the penalty of having to load-in third party libraries. Mastering client development is essential to truly mastering the MVC Framework. The benefits of using the MVC pattern on the server-side are now well understood and have become hugely popular. However to fully reap the advantages of MVC you must also understand what is happening on the client-side. Modern client browsers are extremely feature rich and capable of doing a great deal of processing and communication work for your application. If used correctly, they will streamline your data and application workflows, making your code appear both faster and more responsive to your users. By using client-side processing you reduce the load on your servers and save both bandwidth and CPU costs. In this book best-selling .NET author, Adam Freeman, shows you how to craft the HTML, JavaScript and CSS elements of your application to make the client-side of your

MVC applications as slick and responsive as the server-side code they compliment. You'll learn how to use JavaScript to maintain your application's user experience independently of the server, how SignalR can provide real-time updates and how the Azure Cloud provides push-notifications to any client device. Put together these techniques will speed your development times, create a rich and responsive interface and seamlessly integrate your client-side code with the MVC pattern you're employing on the server. Starting with the nuts-and-bolts you'll be shown everything you need to know from first-principals through to advanced features. Pro ASP.NET MVC Client Development goes 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 be truly effective. Model, map, and access data effectively with Entity Framework Core 2, the latest evolution of Microsoft's object-relational mapping framework. You will access data utilizing .NET objects via the most common data access layer used in ASP.NET Core MVC 2 projects. Best-selling author Adam Freeman explains how to get the most from Entity Framework Core 2 in MVC projects. He begins by describing the different ways that Entity Framework Core 2 can model data and the different types of databases that can be used. He then shows you how to use Entity Framework Core 2 in your own MVC 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. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of Entity Framework Core 2 Create databases using your MVC data model Create MVC models using an existing database Access data in an MVC application using Entity Framework Core 2 Use Entity Framework in RESTful Web Services Who This Book Is For ASP.NET Core MVC 2 developers who want to use Entity Framework Core 2 as the data access layer in their projects

Fully updated for ASP.NET MVC 3. Delve into the features, principles, and pillars of the ASP.NET MVC framework—deftly guided by web development luminary Dino Esposito. ASP.NET MVC forces developers to think in terms of distinct components—Model, View, Controller—that make it easier to manage application complexity, while allowing strict control over the markup. Plunge into the framework's internal mechanics and gain perspectives on how to use this programming model versus Web Forms, and begin building your own MVC-based applications quickly.

Pro Asp.net Mvc 5

Pro ASP.NET MVC 5 Platform

Build intelligent apps, websites, and services with Blazor, ASP.NET Core, and Entity Framework Core using Visual Studio Code

Expert ASP.NET Web API 2 for MVC Developers

Beginning ASP.NET 4.5 in C#

Pro ASP.NET Web API

Now in its 7th edition, the best selling book on MVC is updated for ASP.NET Core MVC 2. It contains detailed explanations of the Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. The book includes a fully worked case study of a functioning web application that readers can

use as a template for their own projects. What's New in This Edition Fully updated for Visual Studio 2017, C# 7 and .NET Core 2 Coverage of new features such as view filters Wider platform and tooling coverage than ever before, with more on Visual Studio Code and working with .NET Core on non-Windows platforms Docker-based application deployment What You Will Learn Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC 2 and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the ASP.NET Core MVC 2 Framework.

Learn how to build web applications from three Microsoft MVPs. After building the data application layer using Entity Framework Core and a RESTful service using ASP.NET Core, you will then build the client side web application three ways: first, using ASP.NET Core, then using Angular 2, and, finally, using React. You will be able to compare and contrast these UI frameworks and select the best one for your needs. .NET Core is a complete rewrite of the

popular .NET and its related frameworks. While many concepts are similar between .NET Core and the .NET 4.6 framework, there are revolutionary changes as well, including updates to Entity Framework Core and ASP.NET Core. The first section of this book covers the three main parts of building applications with C#: Entity Framework, ASP.NET Core Services, and ASP.NET Core Web Applications. There is also an explosion in popularity of JavaScript frameworks for client side development, and the authors cover two of the most popular UI frameworks. Start with TypeScript for developing clean JavaScript, along with a client side build tool such as Gulp, Grunt, and WebPack. Using the same data access layer and RESTful service from the .NET Core application, you can rebuild the UI using Angular 2. Then, repeat the process using React, for a true comparison of building client side applications using ASP.NET Core, Angular 2, and React.

What You'll Learn Understand the fundamentals of .NET Core and what that means to the traditional .NET developer
Build a data access layer with Entity Framework Core, a RESTful service with ASP.NET Core MVC, and a website with ASP.NET Core MVC and Bootstrap
Automate many build tasks with client side build utilities
Who This Book Is For Intermediate to advanced .NET developers

Pro ASP.NET Web API shows you how to build flexible, extensible web services that run seamlessly on a range of operating systems and devices, from desktops to tablets to smart

phones—even the ones we don't know today. ASP.NET Web API is a new framework designed to simplify web service architecture. So if you're tired of interoperability issues between inflexible web services and clients tied to specific platforms or programming languages, or if you've ever struggled with WCF, this book is for you. To start with, you'll get up to speed on Web API's modern HTTP programming model, REST and your hosting options. You'll then dive into building a real application over a series of three chapters, so you can get an immediate feel for how this technology works in practice. The second half of the book features dedicated chapters on topics like routing, controllers, validation and tracing, and the authors close with discussions on performance, hosting and an all-important look at unit testing to help you prepare your application for the real world. ASP.NET Web API makes HTTP a first-class citizen of .NET. With Pro ASP.NET Web API, you can build HTTP-based web services for your company or business, expose your data to the world across different formats and devices and gain the best possible global reach for your application.

Publisher's Note: Microsoft will stop supporting .NET 5 in early May 2022. A new edition of this book is available that uses .NET 6 (an LTS release with support up until November 2024), C# 10, and Visual Studio 2022, as well as Visual Studio Code. Key Features • Explore the newest additions to C# 9, the .NET 5 class library, Entity Framework Core and Blazor • Strengthen

your command of ASP.NET Core 5.0 and create professional websites and services • Build cross-platform apps for Windows, macOS, Linux, iOS, and Android Book Description In C# 9 and .NET 5 - Modern Cross-Platform Development, Fifth Edition, expert teacher Mark J. Price gives you everything you need to start programming C# applications. This latest edition uses the popular Visual Studio Code editor to work across all major operating systems. It is fully updated and expanded with a new chapter on the Microsoft Blazor framework. The book's first part teaches the fundamentals of C#, including object-oriented programming and new C# 9 features such as top-level programs, target-typed new object instantiation, and immutable types using the record keyword. Part 2 covers the .NET APIs, for performing tasks like managing and querying data, monitoring and improving performance, and working with the file system, async streams, serialization, and encryption. Part 3 provides examples of cross-platform apps you can build and deploy, such as websites and services using ASP.NET Core or mobile apps using Xamarin.Forms. The best type of application for learning the C# language constructs and many of the .NET libraries is one that does not distract with unnecessary application code. For that reason, the C# and .NET topics covered in Chapters 1 to 13 feature console applications. In Chapters 14 to 20, having mastered the basics of the language and libraries, you will build practical applications using ASP.NET Core, Model-View-Controller

(MVC), and Blazor. By the end of the book, you will have acquired the understanding and skills you need to use C# 9 and .NET 5 to create websites, services, and mobile apps. What you will learn • Build your own types with object-oriented programming • Query and manipulate data using LINQ • Build websites and services using ASP.NET Core 5 • Create intelligent apps using machine learning • Use Entity Framework Core and work with relational databases • Discover Windows app development using the Universal Windows Platform and XAML • Build rich web experiences using the Blazor framework • Build mobile applications for iOS and Android using Xamarin.Forms Who this book is for This book is best for C# and .NET beginners, or programmers who have worked with C# in the past but feel left behind by the changes in the past few years. This book doesn't expect you to have any C# or .NET experience; however, you should have a general understanding of programming. Students and professionals with a science, technology, engineering, or mathematics (STEM) background can certainly benefit from this book. Table of Contents • Hello, C#! Welcome, .NET Core! • Speaking C# • Controlling Flow and Converting Types • Writing, Debugging, and Testing Functions • Building Your Own Types with Object-Oriented Programming • Implementing Interfaces and Inheriting Classes • Understanding and Packaging .NET Types • Working with Common .NET Types • Working with Files, Streams, and

Serialization (N.B. Please use the Look Inside option to see further chapters) Review "Mark Price's extraordinary book covers every aspect of C# 9 and .NET 5. It is filled with step-by-step demonstrations and will be of tremendous value both to those who want to learn C# and to more experienced C# programmers making the transition to C# 9. Highly recommended!" -- Jesse Liberty - author of Programming C# and Learning C# (O'Reilly Media)
Pro ASP.NET MVC 5 Client
Mobile ASP.NET MVC 5
Building Web Applications with Visual Studio 2017
Pro VB 2008 and the .NET 3.5 Platform
Professional ASP.NET MVC 4
Expert's Voice in Asp.net

The power of ASP.NET MVC 5 stems from the underlying ASP.NET platform. To make your ASP.NET MVC applications the best they can be, you need to fully understand the platform features and know how they can be used to build effective and elegant MVC framework applications. The ASP.NET platform provides ASP.NET MVC applications with a rich suite of services including vital every-day features like extensible request handling, state management, and user authentication.

Understanding how these features work is the difference between creating an average web application and the best-in-class. MVC applications that are architected with a thorough knowledge of the underlying platforms are faster to write, faster to run,

and more readily adaptable to change. In *Pro ASP.NET MVC 5 Platform*, best-selling author Adam Freeman explains how to get the most from the entire ASP.NET platform, beginning with a nuts-and-bolts description of the patterns and tools you need through to the most advanced features. He goes in-depth at every stage to give you the practical knowledge that you need to apply these concepts to your own code.

Steven Sanderson has seen the ASP.NET MVC framework mature from the start, so his experience, combined with comprehensive coverage of all its features, including those in the official MVC development toolkit, offers the clearest understanding of how this exciting framework could improve your coding efficiency—and you'll gain invaluable awareness of security, deployment, and interoperability challenges. The ASP.NET MVC Framework is the evolution of Microsoft's ASP.NET web platform. It introduced a radical high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 3.5. An integral benefit of this book is that the core Model-View-Controller architectural concepts are not simply explained or discussed in isolation, but demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# 3.0 language

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features and unit-testing best practices. By gaining this invaluable, practical experience, you can discover MVCs strengths and weaknesses for yourself—and put your best learned theory into practice.

Provides information on using ASP.NET MVC 4 to build server-side Web applications.

This book is the most comprehensive and up to date introduction to ASP.NET ever written.

Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With you book you can take your first step towards becoming a successful ASP.NET developer with confidence.

ASP.NET Core 5 and Angular

.NET Core in Action

Hands on with ASP.NET MVC

Pro ASP.NET 4 in C# 2010

Build Your Own ASP.NET 4 Web Site Using C# & VB, 4th Edition

HTTP Web Services in ASP.NET

Angular 5 and .NET Core 2 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Discover Angular, the leading client-side web framework, from the point of view of an ASP.NET Core MVC developer. Best-selling author Adam Freeman brings these two key technologies together and explains how to use ASP.NET Core MVC to provide back-end services for Angular applications. This fast-paced, practical guide starts from the nuts and bolt and gives you the knowledge you need to combine Angular (from version 2.0 up) and ASP.NET Core MVC in your projects. What You'll Learn Gain a solid understanding of how ASP.NET Core MVC and Angular can work together Use Visual Studio 2017 to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular

applications Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. Who This Book Is For This book is for developers with a knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

This book provides a complete A-to-Z reference for using VB with the .NET 2.0 platform and the .NET 3.0 extensions. It contains new chapters that explore the interactions between the existing framework and the new extensions, offering readers an edge when they evaluate and implement .NET 3.0 for the first time. To provide even more support, the book comes with a bonus CD that provides over 500 pages of carefully selected additional content to help broaden a reader's understanding of both .NET 2.0 and .NET 3.0.

The complete, pragmatic guide to building high-value solutions with ASP.NET Core Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core framework. Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC

for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for every developer who wants to build production solutions, including mobile-specific solutions.

Microsoft MVP Dino Esposito shows how to:

- ***Create new projects and understand their structure***
- ***Set up and use the familiar MVC application model in ASP.NET Core***
- ***Write controller class code to govern all stages of request processing***
- ***Serve HTML from controllers, or directly via Razor Pages***
- ***Master the Razor language for quickly defining the layout of HTML views***
- ***Manage cross-cutting concerns such as global configuration data, error and exception handling, controller class design, and dependency injection***
- ***Secure applications with user authentication and ASP.NET Core's policy-based user authorization API***
- ***Design for efficient data access, and choose the right option for reading and writing data***
- ***Build ASP.NET Core Web APIs that return JSON, XML, or other data***
- ***Use data binding to programmatically update visual components with fresh information***
- ***Build device-friendly web views for iOS and***

Android • Explore the radically new ASP.NET Core runtime environment and Dependency Injection (DI) infrastructure Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP.NET platform. It provides a standards-based approach and a high-productivity development model that makes it easy to deliver services to a wide-range of clients, including mobile devices. This book puts Web API into context for the experienced MVC Framework developer and dives deep into the tools and techniques required to build Web API applications that integrate with the MVC Framework and shows you how to create single-page applications to consume them. Best-selling author Adam Freeman explains how to get the most from Web API 2 by building on the foundation of the MVC Framework and the ASP.NET platform. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need.

Using C# & VB

Pro ASP.Net MVC 5 (Expert's Voice in ASP.Net)

Pro Entity Framework Core 2 for ASP.NET Core MVC

Pro ASP.NET Core 3

A Craftsman's Guide to Software Structure and Design

Pro ASP.NET MVC 5

In ASP.NET Core, seasoned authors Simone Chiaretta and Ugo Lattanzi update you on all the advances provided by Microsoft's landmark framework. By learning the foundations of the library and understanding the new versions of ASP.NET MVC and Web API, you'll be equipped with everything you need to build .NET web applications on Windows, Mac, and Linux. This updated and expanded second edition of Book 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 all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

A comprehensive guide for beginners to learn the key concepts, real-world applications, and latest features of C# 10 and .NET 6 with hands-on exercises using Visual Studio 2022 and Visual Studio Code Key Features Explore the newest additions to C# 10, the .NET 6 class library, and Entity Framework Core 6 Create professional websites and services with ASP.NET Core 6 and Blazor Build cross-platform apps for Windows, macOS, Linux, iOS, and Android Book Description Extensively revised to accommodate all the latest features that come with C# 10 and .NET 6, this latest edition of our comprehensive guide will get you coding in C# with confidence. You'll learn object-oriented programming, writing, testing, and debugging functions, implementing interfaces, and inheriting classes. The book covers the .NET APIs for performing tasks like managing and querying data, monitoring and improving performance, and working with the filesystem, async streams, and serialization. You'll build and deploy cross-platform apps, such as websites and services using ASP.NET

Core. Instead of distracting you with unnecessary application code, the first twelve chapters will teach you about C# language constructs and many of the .NET libraries through simple console applications. In later chapters, having mastered the basics, you'll then build practical applications and services using ASP.NET Core, the Model-View-Controller (MVC) pattern, and Blazor. What you will learnBuild rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET CoreBuild your own types with object-oriented programmingWrite, test, and debug functionsQuery and manipulate data using LINQIntegrate and update databases in your apps using Entity Framework Core, Microsoft SQL Server, and SQLiteBuild and consume powerful services using the latest technologies, including gRPC and GraphQLBuild cross-platform apps using XAMLWho this book is for Designed for both beginners and C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the past few years, this book doesn't need you to have any C# or .NET experience. However, you should have a general understanding of programming before you jump in.

This book begins with you working along as Scott Guthrie builds a complete ASP.NET MVC reference application. He begins NerdDinner by using the File->New Project menu command within Visual Studio to create a new ASP.NET MVC Application. You'll then incrementally add functionality and features. Along the way you ' ll cover how to create a database, build a model layer with business rule validations, implement listing/details data browsing, provide CRUD (Create, Update, Delete) data form entry support, implement efficient data paging, reuse UI using master pages and partials, secure the application using authentication and authorization, use AJAX to deliver dynamic updates and interactive map support, and implement automated unit testing. From there, the bulk of the rest of the book begins with the basic concepts around the model view controller pattern, including the little history and the state of the MVC on the web today. We'll then go into the ways that MVC is different from

ASP.NET Web Forms. We'll explore the structure of a standard MVC application and see what you get out of the box. Next we dig deep into routing and see the role URLs play in your application. We'll deep dive into controllers and views and see what role the Ajax plays in your applications. The last third of the book focuses entirely on advanced techniques and extending the framework. In some places, we assume that you're somewhat familiar with ASP.NET WebForms, at least peripherally. There are a lot of ASP.NET WebForms developers out there who are interested in ASP.NET MVC so there are a number of places in this book where we contrast the two technologies. Even if you're not already an ASP.NET developer, you might still find these sections interesting for context, as well as for your own edification as ASP.NET MVC may not be the web technology that you're looking for.

Now in its 8th edition, Pro ASP.NET Core has been thoroughly updated for ASP.NET Core 3 and online for ASP.NET Core 5 and .NET 5.0. This comprehensive, full-color guide is the only book you need to learn ASP.NET Core development. Professional developers get ready to produce leaner applications for the ASP.NET Core platform. This edition puts ASP.NET Core 3 into context, and takes a deep dive into the tools and techniques required to build modern, extensible web applications. New features and capabilities such as MVC 3, Razor Pages, Blazor Server, and Blazor WebAssembly are covered, along with demonstrations of how they can be applied in practice. Following the same popular format and style found in previous editions, author Adam Freeman explains how to get the most out of ASP.NET Core 3. Starting with the nuts-and-bolts topics, he teaches readers about middleware components, built-in services, request model binding, and more. Moving along, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. Written for professionals wanting to incorporate the latest functionality of ASP.NET Core 3 into their projects, this book also serves as a complete reference on ASP.NET Core. Beginners with some background in Microsoft web

development will also greatly benefit from the in-depth coverage provided throughout. What You Will Learn: Build a solid foundation and skill set for working with the entire ASP.NET Core platformApply ASP.NET Core 3 and ASP.NET Core 5 features in your developer environment; plentiful reusable templatesSee how to create RESTful web services, web applications, and client-side applicationsLeverage existing knowledge to efficiently get up and running with new programming models Adam Freeman is an experienced IT professional who has held senior positions in a range of companies, most recently serving as chief technology officer and chief operating officer of a global bank. Now retired, he spends his time writing and long-distance running. “ The Rolls-Royce of ASP.NET books, (or if you ’ re American, the Cadillac). Very thorough! ” Les Jackson, MCSD, DotNet Playbook “ The author ’ s instruction is direct, easy to understand and supplemented with clear code examples... Whether you are a beginner learning ASP.NET Core 3.1 app development, or an experienced professional ready to master advanced concepts, I consider this book a 'must have' for you!" Jeremy Likness, Senior Program Manager, Microsoft “ ...the best single resource for teaching MVC web apps using ASP.NET. “ Charles Carter, MSCS, MSwE, JD, Cloud Application Development Instructor, Microsoft Software and Systems Academy
Murach's ASP.NET Core MVC

Programming ASP.NET Core, Programming ASP.NET Core
Professional ASP.NET MVC 1.0
C# 9 and .NET 5 – Modern Cross-Platform Development
Clean Architecture

ASP.NET 4 is the principal standard for creating dynamic web pages on the Windows platform. Pro ASP.NET 4 in C# 2010 raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution. This edition is updated with

everything you need to master up to version 4 of ASP.NET, including coverage of ASP.NET MVC, ASP.NET AJAX 4, ASP.NET Dynamic Data, and Silverlight 3. Seasoned .NET professionals Matthew MacDonald and Mario Szpuszta explain how you can get the most from these groundbreaking technologies. They cover ASP.NET 4 as a whole, illustrating both the newer features and the functionality carried over from previous versions of ASP. This book will give you the knowledge you need to code real ASP.NET 4 applications in the best possible style.

An outstanding author team presents the ultimate Wrox guide to ASP.NET MVC 4 Microsoft insiders join giants of the software development community to offer this in-depth guide to ASP.NET MVC, an essential web development technology. Experienced .NET and ASP.NET developers will find all the important information they need to build dynamic, data-driven websites with ASP.NET and the newest release of Microsoft's Model-View-Controller technology. Featuring step-by-step guidance and lots of code samples, this guide gets you started and moves all the way to advanced topics, using plenty of examples. Designed to give experienced .NET and ASP.NET programmers everything needed to work with the newest version of MVC technology Expert author team includes Microsoft ASP.NET MVC insiders as well as leaders of the programming community Covers controllers, views, models, forms and HTML helpers, data annotation and validation, membership, authorization, security, and routing Includes essential

topics such as Ajax and jQuery, NuGet, dependency injection, unit testing, extending MVC, and Razor. Includes additional real-world coverage requested by readers of the previous edition as well as a new case study example chapter.

The ASP.NET MVC 3 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 4. In this third edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# language features and unit-testing best practices. By gaining this invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice. The book's authors Steve Sanderson and Adam Freeman have both watched the growth of ASP.NET MVC since its first release. Steve is a well-known blogger on the MVC Framework and a member of the Microsoft Web Platform and Tools team. Adam started designing and building web applications 15 years ago and has been responsible for some of the world's largest and most ambitious projects. You can be sure you are in safe hands.

ASP.NET Core Identity provides authentication and user management for ASP.NET Core applications. Identity is

a complex framework in its own right, with support for a wide range of features, including authenticating users with services provided by Google, Facebook, and Twitter. Best-selling author Adam Freeman explains how to get the most from ASP.NET Core Identity. He begins by describing common authentication and user management scenarios and explaining how they are implemented in ASP.NET Core applications. Then he dives deep into the Identity framework and explains how the most important and useful features work in detail, creating custom implementations of key components to reveal the inner workings of ASP.NET Core Identity. What You Will Learn: Gain a solid understanding of how Identity provides authentication and authorization for ASP.NET Core applications. Learn how to configure ASP.NET Core Identity for common application scenarios, including self-service registration, user management and authentication with services provided by popular social media platforms. Get started on creating robust and reliable user management tools. Understand how Identity works in detail Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. Who This Book Is For: This book is for developers with advanced knowledge of ASP.NET Core who are introducing Identity into their projects. Prior experience and knowledge of C#, ASP.NET Core is required, along with a basic understanding of authentication and authorization concepts.

Pro ASP.NET Core 6

Programming Microsoft ASP.NET MVC

Securing ASP.NET Web API

Develop Cloud-Ready Web Applications Using MVC, Blazor, and Razor Pages

Pro ASP.NET MVC 3 Framework

C# 10 and .NET 6 – Modern Cross-Platform Development

If you know the basics of C# and HTML/CSS, you're ready to learn how to build ASP.NET Core MVC web apps the way the professionals do. This book covers all the essentials: the MVC pattern, Bootstrap for responsive design, routing, Razor views, model binding, data validation, EF (Entity Framework) Core for database handling, dependency injection, xUnit and Moq for unit testing, Identity for authentication, and more. It gets you going right away with a subset of basic skills, then builds on those skills so you'll soon be developing real-world web apps. Along the way, you get dozens of practical coding examples that help you apply what you've just learned and show how all the parts work together. And when you're done, this book does double duty as the best on-the-job reference that money can buy.

100 Easy Recipes In Jars is a collection of easy to make, delicious jar recipes that will make a big dent in your holiday gift giving list. Photos of jar decorating ideas are throughout the book. The recipes

use simple ingredients to create a homemade meal or snack that's as easy to use as a store-bought mix. You do the hard part, while the recipient sits back and enjoys.

Pro ASP.NET MVC 5 Apress

ASP.NET Web API is a key part of ASP.NET MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. With such wide accessibility, securing your code effectively needs to be a top priority. You will quickly find that the WCF security protocols you're familiar with from .NET are less suitable than they once were in this new environment, proving themselves cumbersome and limited in terms of the standards they can work with. Fortunately, ASP.NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP.NET MVC programming model and secures your code without the need for SOAP, meaning that there is no limit to the range of devices that it can work with – if it can understand HTTP, then it can be secured by Web API. These SOAP-less security

techniques are the focus of this book.

Pro Asp.net Mvc 5 Expert's Voice in
Asp.net

Pro ASP.NET Web API Security

ASP.NET MVC with Entity Framework and CSS

Programming ASP.NET MVC 4

Under the Hood with Authentication and
Authorization in ASP.NET Core 5
Applications

Build apps, websites, and services with
ASP.NET Core 6, Blazor, and EF Core 6
using Visual Studio 2022 and Visual Studio
Code

Visual Studio 2017 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Now in its 6th edition, the best selling book on MVC is now updated for ASP.NET Core MVC. It contains detailed explanations of the new Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of

earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up to date for the new ASP.NET Core MVC release. It presents a fully worked case study of a functioning ASP.NET MVC application that readers can use as a template for their own projects.

What You Will Learn: Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For: This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the new ASP.NET Core MVC Framework.

Build Your Own ASP.NET 4 Web Site Using C# & VB is aimed at beginner ASP.NET developers wanting to develop their skills, web designers wanting to move

into server-side programming, and experienced developers making the leap from ASP to .NET. Readers will learn: language and programming basics how to construct ASP.Net Web Pages how to build web applications to use validation controls database design and development how to use ADO.NET how to manage data and content how to integrate Ajax and JQuery the role of MVC ... all in the process of successfully developing and deploying a working intranet site for a fictional company.

Practical Software Architecture Solutions from the Legendary Robert C. Martin ("Uncle Bob") By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books *Clean Code* and *The Clean Coder*, legendary software craftsman Robert C. Martin ("Uncle Bob") reveals those rules and helps you apply them. Martin's *Clean Architecture* doesn't merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you'll face-the ones that will make or break your projects. Learn what software architects need to achieve-and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's

merely a “detail” Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager-and for every programmer who must execute someone else’s designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

Mobile ASP.NET MVC 5 will take you step-by-step through the process of developing fluid content that adapts its layout to the client device using HTML, JavaScript and CSS, and responsive web design. This book introduces server-side techniques that allow you to show different content to different devices and make the most of their strengths and capabilities. Mobile ASP.NET MVC 5 includes a wide range of techniques, tips, and guidelines for dealing with some of the challenges of mobile web development, such as browser incompatibilities, varying device performance, and targeting older devices. You’ll learn to: Use responsive principles to build apps that display and perform well on a range of mobile devices. Leverage your server-side code to customize what you serve to the client, depending on its capabilities. Build an ASP.NET MVC custom view engine, use display modes effectively, and create reusable mobile components with custom HTML helpers. Make the most of new capabilities offered on some devices by interacting with native APIs. By

the end of Mobile ASP.NET MVC 5, you should feel confident building web apps that successfully target anything from an iOS or Android device to a feature phone or an older mobile browser. Along the way, you'll learn about the modern mobile web landscape and how to choose the approaches that are right for you, depending on your target audience. This book is for the ASP.NET developer who knows how ASP.NET MVC works and is eager to learn how to use it for building mobile websites. What you'll learn Use responsive principles to build apps that display and perform well on a range of mobile devices. Leverage your server-side code to customize what you serve to the client, depending on its capabilities. Build an ASP.NET MVC custom view engine, use display modes effectively, and create reusable mobile components with custom HTML helpers. Make the most of new capabilities offered on some devices by interacting with native APIs. Learn tips and tricks for dealing with browser incompatibilities and targeting older devices. Benefit from the author's experience as he guides you through a full range of modern mobile web strategy. Who this book is for This book is for the ASP.NET developer who knows how ASP.NET MVC works and is eager to learn how to use it for building mobile websites. Thorough knowledge of ASP.NET MVC is not at all required but some is assumed. This book also assumes a little knowledge of HTML, CSS and JavaScript. You do not need any prior experience in mobile development. Table of ContentsChapter 1: The Basics of Responsive Web Design Chapter 2: CSS Layout Bootcamp Chapter 3: Flexible Layouts Chapter 4: Flexible Navigation Chapter 5: Flexible Content Chapter 6: Display Modes, View Engines and

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Native APIs, HTML5 and CSS3 on Mobile Today
Chapter 10: Programming for Touch Chapter 11:
Advanced Touch Programming Chapter 12: Useful
Libraries for Mobile**