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# Developing Asp Net Mvc 4 Web Applications

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Professional ASP.NET MVC 4  
 Bootstrap for ASP.NET MVC  
 ASP.NET MVC 4 in Action  
 ASP.Net MVC Succinctly  
 Beginning ASP.NET MVC 4  
 ASP. NET MVC 4 Mobile App Development  
 Essential Angular for ASP.NET Core MVC  
 Pro ASP.NET Core MVC  
 Front-end Development with ASP.NET Core, Angular, and Bootstrap  
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 PROGRAMMING MICROSOFT ASP.NET 4 (With CD )  
 ASP.NET MVC 1.0 Test Driven Development  
 ASP.NET MVC 2 in Action  
 Programming ASP.NET MVC 4  
 Building Web Applications with Visual Studio 2017  
 Murach's ASP.NET Core MVC (2nd Edition)  
 Exam Ref 70-486 Developing ASP.NET MVC 4 Web Applications (MCS D)  
 Pro ASP.NET Core MVC 2  
 ASP.NET MVC Framework Unleashed  
 Designing Evolvable Web APIs with ASP.NET  
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 Building Web, Cloud, and Mobile Solutions with F#  
 Programming Razor

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4 Web Applications*

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## TANYA ROLLINS

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*Professional ASP.NET MVC 4* "O'Reilly Media, Inc."

By now you'll have heard of ASP.NET MVC. This exciting new approach to developing ASP.NET web applications has taken the development world by storm over the last few years. Now a mature technology suitable for mainstream use, its adoption has exploded in recent times. Until recently, ASP.NET MVC was regarded as an advanced technology only suitable for experienced developers with a strong knowledge of classic ASP.NET and C# coding behind them. This book overturns that prejudice and shows that the beautiful simplicity of ASP.NET MVC is just as suitable for novice developers

venturing into real-world application design for the first time. With the aid of a fully worked demo application this book explains and demonstrates for you the three pillars of MVC in action. You'll see how the Model, View and Controller patterns work together in a complimentary manner to provide MVC's powerful results. There's never been a better time to learn how to use ASP.NET MVC 4. The technology will speed your development times, reduce the verbosity of your code and simplify your application designs all at once. Take the first step towards ASP.NET MVC mastery with *Beginning ASP.NET MVC 4*. *Bootstrap for ASP.NET MVC* John Wiley & Sons  
A step-by-step tutorial to get acquainted with the ASP.NET MVC4 Framework and its features in order to discover how to

develop web applications using them. This book is targeted at people who are familiar with C# development on the .NET platform and are interested in web development with the ASP.NET development framework. No prior web or mobile development experience is required  
*ASP.NET MVC 4 in Action* John Wiley & Sons  
Summary ASP.NET 4.0 in Practice contains over 100 real world techniques distilled from the experience of a team of MVPs. Using a practical problem-solution-discussion format, the book will guide you through the most common scenarios you will face in a typical ASP.NET application, and provide solutions and suggestions to take your applications to another level. About the Technology ASP.NET is an established technology to build web applications using Microsoft products. It

drives a number of enterprise-level web sites around the world, but it can be scaled for projects of any size. The new version 4.0 is an evolutionary step: you will find a lot of new features that you will be able to leverage to build better web applications with minimal effort. About the Book ASP.NET is a massive framework that requires a large amount of know-how from developers. Fortunately, this book distills over 100 practical ASP.NET techniques from the experience of a team of MVPs, and puts them right at your fingertips. The techniques are tested and selected for their usefulness, and they are all presented in a simple problem-solution-discussion format. You'll discover methods for key new subjects like data integration with Entity Framework and ASP.NET MVC. Along the way, you'll also find ways to make your applications fast and secure. This book is written for developers familiar with the basics of ASP.NET, looking to become more productive with it. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside The Identity Map pattern in EF 4 Use Master Pages to define a common UI Adaptive Rendering Save user login data securely .....and much more

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*ASP.Net MVC Succinctly* "O'Reilly Media,  
 Inc."

ASP.NET MVC 4 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you

through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. Dive head first into ASP.NET MVC web development with ASP.NET MVC 4 Recipes.

*Beginning ASP.NET MVC 4* "O'Reilly Media, Inc."

Want to learn how to build ASP.NET Core 2.0 MVC and Razor Page Web Applications? Prerequisites: C# (Intermediate level; including Generics, Reflection and Object-Oriented Programming (OOP)) HTML5/CSS3 (Basic knowledge) This book is primarily aimed at developers who want to learn how to build ASP.NET Core 2.0 MVC and Razor Page applications. You should be an intermediate level C# developer with some experience in HTML5 and CSS3. The C# language won't be explained in any detail. You will learn ASP.NET Core 2.0 by building three applications. The first application will be built using an empty template, the second with the MVC template, and the third with Razor Pages. The goal with the first basic application is to get you familiar with ASP.NET Core 2.0 by adding middleware and services one piece at a time. Then you will create a solution with three projects; the first project will be used to create a shared database with Entity Framework Core 2.0, the second project is a MVC application for the regular user interface, and the third project is an administrator user interface built with Razor Pages. This solution is a video course website, where users can register to gain access to video courses and administrators can add and modify course content and users. If you are already familiar with MVC 5 or ASP.NET Core 1.0/1.1, the content in this book can get you started with ASP.NET Core 2.0 in a fast, no-fluff way. It's important to mention that this book is practical and tactical, where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. This experience is

something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Technologies, frameworks and languages you will use: Visual Studio 2017 ASP.NET Core 2.0 MVC and Razor Pages (new in ASP.NET 2.0) Services (To provide your own functionality as a reusable service) Middleware (To provide you own functionality to HTTP Request pipeline) Entity Framework (To crate and communicate with a database) View Component (To render data in the \_Layout view with model data) Dependency Injection (To inject objects into constructors) Bootstrap (Used for styling and to create a responsive design) LINQ (To query the database) Tag Helper (to clean up the HTML and enable re-use) HTML Helper methods (to clean up your HTML and enable re-use) Partial views (to clean up your views and enable re-use) Bower and NuGet (To install necessary libraries) What you will implement: A web application from an empty template An MVC web application using a template An Razor Page web application using a template A data-layer project referenced from the MVC and Razor Page applications I hope you love the book! Sincerely, Jonas Fagerberg Now click the Buy button and start reading the book.

*ASP. NET MVC 4 Mobile App Development*  
 Createspace Independent Publishing Platform

Take Razor for a test drive and discover first hand how this scripting syntax simplifies the way you create dynamic, data-driven websites. With this concise guide, you'll work with Razor syntax by building example websites with Microsoft WebMatrix and ASP.NET MVC. You'll quickly learn how Razor lets you combine code and content in a fluid and expressive manner on Windows-based servers. Programming Razor also explores components of the Razor API, and shows you how Razor templates are turned into rendered HTML. By the end of this book, you'll be able to create Razor-based websites with custom extensions that meet the specific needs of your projects. Use Razor with Microsoft WebMatrix to build a working blog, complete with data Organize and manage your web application, using Razor features for layouts, sections, and partial views Create clean and effective ASP.NET MVC views with the Razor View Engine Learn how the Razor API interprets Razor templates and turns them into executable .NET code Implement advanced techniques for exposing reusable code and sharing ASP.NET MVC views across projects  
*Essential Angular for ASP.NET Core MVC*

Packt Publishing Ltd  
 Microsoft ASP.NET MVC (model/view/controller) is a relatively new Web application framework that combines ASP.NET's power and ease of use with the stability and testability of a MVC framework. The much-anticipated version 2 release brings new capabilities to the framework along with numerous additions that enhance developer productivity. In *ASP.NET MVC 2 in Action*, readers learn how to move from web form-based development to designs based on the MVC pattern. It begins with an introduction to the MVC framework and quickly dives into a working MVC 2 project. Featuring full coverage of new version 2 features, this book helps readers use developer-oriented upgrades like "Areas" to break a large project into smaller pieces and explore the new data handling tools. This revised edition adds a completely new tutorial to bring developers with no prior exposure to the MVC pattern up to speed quickly, keeping its focus on providing high-quality, professional grade examples that go deeper than the other ASP.NET MVC books. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

**Pro ASP.NET Core MVC** O'Reilly Media  
 This edition takes a test-first approach to the main features of ASP.NET MVC, from building and deploying a time-management Web application to data access and integrating with Web services. Readers will work with open source projects that complement ASP.NET MVC including NHibernate, MVContrib, and Castle Windsor Container.  
[Front-end Development with ASP.NET Core, Angular, and Bootstrap](#) Packt Publishing Ltd

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 [ASP.NET Core Application Development](#) Apress

A step-by-step tutorial to get acquainted with the ASP.NET MVC4 Framework and its features in order to discover how to develop web applications using them. This book is targeted at people who are familiar with C# development on the .NET platform and are interested in web development with the ASP.NET development framework. No prior web or mobile development experience is required.

**Professional ASP.NET MVC 1.0** Apress  
 In addition to Code First, EF 4.1 introduces simpler EF coding patterns with the DbContext, DbSet, ChangeTracker and Validation APIs. This mini-book will take the reader on a tour of these features and how to take advantage of them.

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

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.

**Pro ASP.NET MVC 3 Framework** Apress  
 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#.

**Asp.net Core 1.1 for Beginners** Apress  
In this book, world-renowned ASP.NET expert and member of the Microsoft ASP.NET team Stephen Walther shows experienced developers how to use Microsoft's new ASP.NET MVC Framework to build web applications that are more powerful, flexible, testable, manageable, scalable, and extensible. Writing for professional programmers, Walther explains the crucial concepts that make the Model-View-Controller (MVC) development paradigm work so well and shows exactly how to apply them with the ASP.NET MVC Framework. From controllers and actions to views and models, Walther demonstrates how to apply each ASP.NET MVC Framework feature in real-world projects. In Part II, you'll walk step-by-step through building a full-fledged ASP.NET MVC blog application that implements capabilities ranging from data access to validation. Through this case study, you'll learn how to build ASP.NET MVC applications using test-driven development processes that enable rapid feedback, greater productivity, and better quality. Throughout, Walther presents extensive code examples, reflecting his unsurpassed experience as an ASP.NET instructor, a leading commercial developer, and now as a member of Microsoft's ASP.NET development team. Understand how to: Build enterprise-scale web applications far more rapidly and effectively Develop web applications that are easier to maintain and extend over time Gain unprecedented control over the appearance of your website or application Expose intuitive URLs that are friendlier to search engines and users alike Create ASP.NET MVC models that contain all your application's business, validation, and data access logic Make the most of HTML helpers, model binders, action filters, routing, and authentication Efficiently deploy your ASP.NET MVC applications Use the lightweight JQuery JavaScript library to easily find and manipulate HTML elements Create ASP.NET MVC applications using unit test and mock object framework  
**Programming ASP.NET** Apress

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.

**Programming ASP.NET MVC 4** John Wiley & Sons

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Through four complete sprints, this book takes you through every step needed to build brand new cross-platform web apps with ASP.NET Core, and make them available on the Internet. You won't just master Microsoft's revolutionary open source ASP.NET Core technology: you'll learn how to integrate the immense power of MVC, Docker, Azure Web Apps, Visual Studio and Visual Studio Code, C#, JavaScript, TypeScript, and Entity Framework. Working through the authors' carefully designed sprints, you'll start with a blank canvas, move through software architecture and design, adjusting to user feedback, recovering from mistakes, builds, testing, deployment, maintenance, refactoring, and more. Along the way, you'll learn techniques for delivering state-of-the-art software to users more rapidly and repeatably than ever before.

**ASP.NET 4.0 in Practice** Apress

This 2nd Edition of Murachs ASP.NET Core MVC does a better job than ever of

delivering the skills you need to develop websites using the MVC (Model-View-Controller) pattern with ASP.NET Core. If you know the basics of C#, you'll quickly learn to code the way today's top web professionals do. Each section features clear, beginner-friendly examples and easy-to-understand explanations that walk you through crucial skills, best practices, and helpful tips. I'm a first-time customer who has recently purchased your ASP.NET Core MVC book, and I have to say I'm greatly impressed. [It] was actually fun from start to finish (and I've read many, many programming books before). - Shannon Fairchild, Senior Software Developer, Kingston, Ontario, Canada  
Section 1 (just 5 chapters) shows how to develop responsive web apps that follow the MVC pattern so they'll be easy to maintain as they grow and change. Then, it shows how to test and debug these apps using the debugging tools provided by Visual Studio and your browser. Section 2 builds out that set of skills to create more complex controllers, work with Razor views, handle cookies and sessions, work with model binding, validate data, and use EF Core to work with databases. Finally, section 3 presents additional skills that you can learn when you need them. Automate testing by using dependency injection and unit tests. Reduce code duplication by creating custom tag helpers and view components. Control user access to a site with ASP.NET Core Identity. Deploy a site to the cloud with Azure. And use Visual Studio Code, an increasingly popular alternative to the Visual Studio IDE. Every Murach book guarantees high quality. The complete apps show how each feature works in context. The exercises at the end of each chapter let you practice your new skills and gain valuable hands-on experience. And the distinctive paired-pages format is ideal for learning and reference.

**Test Drive ASP.NET MVC** Manning

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 all of the markup on your own. With ASP.NET MVC Succinctly 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.

[Pro ASP.NET MVC 4](#) Packt Pub Limited  
Get up and running with ASP.NET MVC 4, and learn how to build modern server-side web applications. This guide helps you understand how the framework performs, and shows you how to use various features to solve many real-world development scenarios you're likely to face. In the process, you'll learn how to work with HTML, JavaScript, the Entity Framework, and other web technologies. You'll start by learning core concepts such as the Model-View-Controller architectural pattern, and then work your way toward advanced topics. The authors demonstrate ASP.NET MVC 4 best practices and

techniques by building a sample online auction site ("EBuy") throughout the book. Learn the similarities between ASP.NET MVC 4 and Web Forms Use Entity Framework to create and maintain an application database Create rich web applications, using jQuery for client-side development Incorporate AJAX techniques into your web applications Learn how to create and expose ASP.NET Web API services Deliver a rich and consistent experience for mobile devices Apply techniques for error handling, automated testing, and build automation Use various options to deploy your ASP.NET MVC 4 application  
*Beginning ASP.NET MVC 4* "O'Reilly Media, Inc."

Prepare for Microsoft Exam 70-486—and help demonstrate your real-world mastery of developing ASP.NET MVC-based solutions. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design the application architecture Design the user experience Develop the user experience Troubleshoot and debug web applications Design and implement security This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

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