Professional ASP NET Design Patterns

Implement robust applications by applying efficient Design Patterns with .NET 5 and C# KEY FEATURES? Detailed theoretical concepts covered, including the use of encapsulation, interfaces, and inheritance.? Access to solutions applied for software strategy and final product output.? Simplified demonstration of real applications implementing numerous design patterns. DESCRIPTION This book covers detailed aspects of Design Patterns and Object-Oriented Programming concepts using the most modern version of the C# language and .NET platform, including many real-world examples and good practice guidelines that help developers in building robust and extensible applications. The book begins with the essential concepts of C# programming and the .NET platform. You get your foundation strong by understanding SOLID Principles and the actual implementation of reliable applications. You will be working on most common Design Patterns such as Abstract Factory, Adapter, Composite, Proxy, Command, Strategy, Observer, Factory Method, Singleton, Builder, Interpreter, Mediator, and many other patterns that will help you to create solid enterprise applications. You will also witness the performance of these design patterns in a real software development environment with the help of practical examples. After learning the most common Design Patterns practiced in .NET enterprise applications, the reader will be able to understand and apply good practices of software development based on the object-oriented paradigm to develop complex enterprise applications efficiently and simply. WHAT YOU WILL LEARN? Fine-tune your knowledge about interfaces, polymorphism, and encapsulation. ? Learn to practice implementing design patterns in enterprise applications. ? Implement rich design patterns. Observer, Strategy, Command, Proxy, and more. ? Get to learn the latest additional design patterns such as Builder, Bridge, and Decorator. ? Includes illustrations, examples, and real use-cases of .NET 5.0 applications. WHO THIS BOOK IS FOR This book is fo

Discusses how to use ASP in the .NET framework, events, controls, control details, Web forms, tracing and debugging, validation, data binding, ADO, Web services, and security.

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 using unit test and mock object framework

A .NET developer's guide to crafting robust, maintainable, and flexible web apps by leveraging C# 9 and .NET 5 features and component-scale design patterns Key Features Apply software design patterns effectively, starting small and progressing to cloud-scale Discover modern application architectures such as vertical slice, clean architecture, and event-driven microservices Explore ASP.NET design patterns, from options to full-stack web development using Blazor Book Description Design patterns are a set of solutions to many of the common problems occurring in software development. Knowledge of these design patterns helps developers and professionals to craft software solutions of any scale. ASP.NET Core 5 Design Patterns are a set of solutions to many dependency injection, and other ASP.NET Core mechanisms. You'll explore the component scale as you discover patterns oriented toward small chunks of the software, and then move to application-scale patterns and techniques to understand higher-level patterns and how to structure the application as a whole. The book covers a range of significant GoF (Gangs of Four) design patterns such as strategy, singleton, decorator, facade, and composite. The chapters are organized based on scale and topics, allowing you to start small and build on a strong base, the same way that you would develop a program. With the help of use cases, the book will show you how to combine design patterns to display alternate usage and help you feel comfortable working with a variety of design patterns. Finally, you'll advance to the client side to connect the dots and make ASP.NET Core a viable full-stack alternative. By the end of the book, you'll be able to mix and match design patterns and have learned how to think about architecture and how it works. What You Will Learn Apply the SOLID principles for building flexible and maintainable software Get to grips with .NET 5 dependency injection Work with GoF design patterns such as strategy, decorator, and composite Explore the MVC patterns for d

Professional Design Patterns in VB .NET

Patterns, Principles, and Practices of Domain-Driven Design

Elements of Reusable Object-Oriented Software

Professional ASP.NET 1.1

C# 3.0 Design Patterns
The book covers the be-

The book covers the best practices and approaches for software architects to follow when developing .NET and C# solutions, along with the most up to date cloud environments and tools to enable effective app development, delivery, and deployment. Pro HTML5 and CSS3 Design Patterns is a reference book and a cookbook on how to style web pages using CSS3 and HTML5. It contains 350 ready—to—use patterns (CSS3 and HTML5 code snippets) that you can copy and paste into your code. Each pattern can be combined with other patterns to create an unlimited number of solutions, and each pattern works reliably in all major browsers without the need for browser hacks. The book is completely up-to-date with code, best practices, and browser compatibilities for HTML5 and CSS3—enabling you to dive in and make use of these new technologies in production environments. Pro HTML5 and CSS3 Design Patterns is so much more than just a cookbook, though! It systematically covers every usable feature of CSS3 and combines these features with HTML5 to create reusable patterns. Each pattern has an intuitive name to make it easy to find, remember, and refer to. Accessibility and best practices are carefully engineered into each design pattern, example, and source code. The book's layout, with a pattern's example on the left page and its explanation on the right, makes it easy to find a pattern and study it without having to flip between pages. The book is also readable from cover to cover, with topics building carefully upon previous topics. Pro HTML5 and CSS3 Design Patterns book unleashes your productivity and creativity in web design and development. Instead of hacking your way toward a solution, you'll learn how to predictably create successful designs every time by reusing and combining modular design patterns.

In this book, you'll be introduced to the features and capabilities of ASP.NET 3.5, as well as the foundation that ASP.NET provides. Updated for the latest release of Visual Studio, this new edition adds five hundred pages of great new content compared to the original 2.0 version of the book. Including both printed and downloadable VB and C# code examples, this edition focuses even more on experienced programmers and advanced web development. New coverage includes new chapters on IIS 7 development, LINQ, ASP.NET, Silverlight, and many others.

Discover the essential design and architectural patterns with ASP.NET Core to solve common software design problems. With this book, you'll learn how to use a combination of design patterns and build fault-tolerant and robust full-stack apps and microservices with ASP.NET Core and C#.

In C# and VB

A SOLID Adventure Into Architectural Principles, Design Patterns, .NET 5, and C#

CSS, Themes, and Master Pages

An An Atypical ASP.NET Core 5 Design Patterns Guide

A Practical Guide Using C#

Developing Real-World Web Applications with ASP.NET MVC

Developing Real-World Web Applications With ASP.NET MVC

This book will provide clear guidance on how to work through the most valuable design patterns effectively in Angular. You will explore some of the best ways to work with Angular to meet the performance required in the web development world. You will also learn the best practices to improve your productivity and the code base of your application.

Design potterns are time tested solutions to requiring problems, letting the design patterns and how using them helpshuild a richer

Design patterns are time-tested solutions to recurring problems, letting the designer build programs on solutions that have already proved effective Provides developers with more than a dozen ASP.NET examples showing standard design patterns and how using them helpsbuild a richer understanding of ASP.NET architecture, as well as better ASP.NET applications Builds a solid understanding of ASP.NET architecture that can be used over and over again in many projects Covers ASP.NET code to implement many standard patterns including Model-View-Controller (MVC), ETL, Master-Master Snapshot, Master-Slave-Snapshot, Façade, Singleton, Factory, Single Access Point, Roles, Limited View, observer, page controller, common communication patterns, and more

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 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.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-

on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. About the author Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages 5 Mapping URLs to Razor Pages 1 Service configuration 11 Configuring an ASP.NET Core application 12 Service configuration with Dependency injection 11 Configuring an ASP.NET Core application 12 Service configuration 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and tro

Building Adaptable Applications Windows Phone 7 Application Development

Implementing Design Patterns in C# and .NET 5

Professional ASP.NET MVC 1.0 ASP.NET 3.5 For Dummies

Hands-On Design Patterns with C# and .NET Core

Methods for managing complex software construction following the practices, principles and patterns of Domain-Driven Design with code examples in C# This book presents the philosophy of Domain-Driven Design (DDD) in a down-to-earth and practical manner for experienced developers building applications for complex domains. A focus is placed on the principles and practices of decomposing a complex problem space as well as the implementation patterns and best practices for shaping a maintainable solution space. You will learn how to build effective domain models through the use of tactical patterns and how to retain their integrity by applying the strategic patterns of DDD. Full end-to-end coding examples demonstrate techniques for integrating a decomposed and distributed solution space while coding best practices and patterns advise you on how to architect applications for maintenance and scale. Offers a thorough introduction to the philosophy of DDD for professional developers Includes masses of code and examples of concept in action that other books have only covered theoretically Covers the patterns of CQRS, Messaging, REST, Event Sourcing and Event-Driven Architectures Also ideal for Java developers who want to better understand the implementation of DDD

Explore the world of .NET design patterns and bring the benefits that the right patterns can offer to your toolkit today About This Book Dive into the powerful fundamentals of .NET framework for software development The code is explained piece by piece and the application of the pattern is also showcased. This fast-paced guide shows you how to implement the patterns into your existing applications Who This Book Is For This book is for those with familiarity with .NET development who would like to take their skills to the next level and be in the driver's seat when it comes to modern development techniques. Basic object-oriented C# programming experience and an elementary familiarity with the .NET framework library is required. What You Will Learn Put patterns and pattern catalogs into the right perspective Apply patterns for software development under C#..NET Use GoF and other patterns in real-life development scenarios Be able to enrich your design vocabulary and well articulate your design thoughts Leverage object/functional programming by mixing 00P and FP Understand the reactive programming made using Rx and RxJs Writing compositional code using C# LINQ constructs Be able to implement concurrent/parallel programming techniques using idioms under .NET Avoiding pitfalls when creating compositional, readable, and maintainable code using imperative, functional, and reactive code. In Detail Knowing about design patterns enables developers to improve their code base, promoting code reuse and making their design more robust. This book focuses on the practical aspects of programming in .NET. You will learn about some of the relevant design patterns (and their application) that are most widely used. We start with classic object-oriented programming (00P) techniques, evaluate parallel programming and concurrency models, enhance implementations by mixing 00P and functional programming, and finally to the reactive programming model where functional programming and OoP are used in synergy to write better code. Throughou

Professional ASP.NET Design Patterns is all about showing you how to use the power of design patterns and core design principles in real ASP.NET applications. The goal of this book is to educate developers on the fundamentals of object oriented programming, design patterns, principles, and methodologies that can help you become a better programmer. Design patterns and principles enable loosely coupled and highly cohesive code, which will improve your code's readability, flexibility, and maintenance. Each chapter addresses a layer in an enterprise ASP.NET application and shows how proven patterns, principles, and best practices can be leveraged to solve problems and improve the design of your code. In addition, a professional-level, end-to-end case study is used to show how to use best practice design patterns and principles in a real website. Professional ASP.NET Design Patterns is for ASP.NET developers who are comfortable with the .NET framework but are looking to improve how they code and understand why design patterns, design principles, and best practices will make their code more maintainable and adaptable. Readers who have had experience with design patterns before may wish to skip Part 1 of the book, which acts as an introduction to the Gang of Four design patterns and common design principles, including the S.O.L.I.D. principles and Martin Fowler's enterprise patterns. All code samples are written in C# but the concepts can be applied very easily to VB.NET. This book covers well-known patterns and best practices for developing enterprise-level ASP.NET applications. The patterns used can be applied to any version of ASP.NET from 1.0 to 4.0. The patterns themselves are language agnostic and can be applied to any object oriented programming language. Professional ASP.NET Design Patterns can be used both as a step-by-step guide and as a continuous source of reference to dip into at your leisure. The book is broken into three distinct sections. Part 1 is an introduction to patterns and design principles. Part 2 examines how patterns and principles can be used in the various layers of an ASP.NET application. Part 3 represents an end-to-end case study showcasing many of the patterns covered in the book. You may find it useful to work through the chapters before reading the case study, or you may find it easier to see the patterns in action by reading the case study section first and referring back to Part 2 for a more detailed view on the patterns and principles used. Within those parts the coverage includes: The origins of the Gang of Four design patterns, their relevance in today's world, and their decoupling from specific programming languages. An overview of some common design principles and the S.O.L.I.D. design principles follows, and the chapter ends with a description of Fowler's enterprise patterns. Layering Your Application and Separating Your Concerns A description of the Transaction Script pattern followed by the Active Record, with an exercise to demonstrate the pattern using the Castle Windsor project. The Domain Model pattern demonstrated in an exercise with NHibernate and a review of the domain-driven design (DDD) methodology Patterns and principles that can be used construct your objects and how to make sure that you are building your application for scalability and maintainability: Factory, Decorator, Template, State, Strategy, Composite, Specification and Layer Supertype. Design principles that can improve your code's maintainability and flexibility; these include Dependency Injection, Interface Segregation, and Liskov Substitution Principle Service Oriented Architecture, the Facade design pattern, messaging patterns such as Document Message, Request-Response, Reservation, and the Idempotent pattern The Data Access Layer: Two data access strategies are demonstrated to help organize your persistence layer: Repository and Data Access Objects. Enterprise patterns and principles that will help you fulfill your data access requirement needs elegantly, including Lazy Loading, Identity Map, Unit of Work, and the Query Object. An introduction to Object Relational Mappers and the problems they solve. An enterprise Domain Driven exercise with POCO business entities utilizing both NHibernate and the MS Entity Framework. The Presentation Layer: how you can tie your loosely coupled code together Structure Map and an Inversion of Control container. Presentation patterns, including letting the view be in charge with the Model-View-Presenter pattern and ASP.NET web forms, the Front Controller presentation pattern utilizing the Command and Chain of Responsibility patterns, as well as the Model-View-Controller Pattern implemented with the ASP.NET MVC framework and Windsor's Castle Monorail framework. The final presentation pattern covered is PageController as used in ASP.NET web forms. A pattern that can be used with organizational patterns, namely the ViewModel pattern and how to automate domain entities to

A catalog of solutions to commonly occurring design problems, presenting 23 patterns that allow designers to create flexible and reusable designs for object-oriented software. Describes the circumstances in which each pattern is applicable, and discusses the consequences and trade-offs of using the pattern within a larger design. Patterns are compiled from real systems, and include code for implementation in object-oriented programming languages like C++ and Smalltalk. Includes a bibliography. Annotation copyright by Book News, Inc., Portland, OR

ViewModel mapping with AutoMapper The User Experience Layer: AJAX, JavaScript libraries, including jQuery. AJAX patterns: Ajax Periodic Refresh and Timeout patterns, maintaining history with the Unique

URL pattern, client side data binding with JTemplate, and the Ajax Predictive Fetch pattern An end-to-end e-commerce store case study with ASP.NET MVC, NHibernate, jQuery, Json, AutoMapper, ASP.NET

.NET Framework Essentials
Beginning SOLID Principles and Design Patterns for ASP.NET Developers

Build Scalable, Fast, and Reliable .NET Applications Using the Most Common Design Patterns (English Edition)
Implement the Gang of Four patterns in your apps with Angular

Implement the Gang of Four patterns in your apps with Angular Use the Power of C# 3.0 to Solve Real-World Problems

Use the Power of C# 3.0 to Solve Real-World Problems

Architecting software solutions using microservices, DevOps, and design patterns for Azure, 2nd Edition

membership provider and a second 3rd party authentication method, and PayPal as a payment merchant

Comprehensive coverage to help experienced .NET developers create flexible, extensible enterprise application code If you're an experienced Microsoft .NET developer, you'll find in this book a road map to the latest

enterprise development methodologies. It covers the tools you will use in addition to Visual Studio, including Spring.NET and applies to development with ASP.NET, C#, VB, Office (VBA), and database. You will find comprehensive coverage of the tools and practices that professional .NET developers need to master in order to build enterprise more flexible, testable, and extensible .NET applications with minimal upfront costs. Helps C#, VB.Net, and ASP.NET developers who wish to migrate both their applications and their own skillsets to newer, more flexible enterprise methodologies Describes each new pattern or feature along with its benefits, then outlines the pros and cons of its implementation Includes an introduction to enterprise development and a comprehensive overview of the differences between new enterprise patterns and older, traditional Microsoft programming Explains how to implement these patterns by upgrading an existing code base Covers benefits including flexibility, automated testing, extensibility, and separation; modular code; test-driven development, unit test, test automation, and refactoring; inversion of control; and object relational mapping Also covers enterprise design patterns: MVC including Ruby on Rails, Monorail, and ASP.NET MVC, MVP, observer, and more Contains a primer on object-oriented design Professional Enterprise .NET focuses on the often-inevitable compromise between forward-thinking design and the needs of business, helping you build applications that serve both. 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.

With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you. Explore many popular design patterns, including Modules, Observers, Facades, and Mediators. Learn how modern architectural patterns-such as MVC, MVP, and MVVM-are useful from the perspective of a modern web application developer. This book also walks experienced JavaScript developers through modern module formats, how to namespace code effectively, and other essential topics. Learn the structure of design patterns and how they are written Understand different pattern categories, including creational, structural, and behavioral Walk through more than 20 classical and modern design patterns in JavaScript Use several options for writing modular code-including the Module pattern, Asyncronous Module Definition (AMD), and CommonJS Discover design patterns implemented in the jQuery library Learn popular design patterns for writing maintainable jQuery plug-ins "This book should be in every JavaScript developer's hands. It's the go-to book on JavaScript patterns that will be read and referenced many times in the future. "-Andrée Hansson, Lead Front-End Developer, presis!

Dependency Injection in .NET is a comprehensive guide than introduces DI and provides an in-depth look at applying DI practices to .NET apps. In it, you will also learn to integrate DI together with such technologies as Windows Communication Foundation, ASP.NET MVC, Windows Presentation Foundation and other core .NET components.Building on your existing knowledge of C# and the .NET platform, this book will be most beneficial for readers who have already built at least a few software solutions of intermediate complexity. Most examples are in plain C# without use of any particular DI framework. Later, the book introduces several well-known DI frameworks, such as StructureMap, Windsor and Spring.NET. For each framework, it presents examples of its particular usage, as well as examines how the framework relates to the common patterns presented earlier in the book. An Atypical ASP.NET Core 5 Design Patterns Guide

Windows Azure Mobile Services

A SOLID adventure into architectural principles, design patterns, .NET 5, and C#

Professional ASP.NET 2.0 Design

Programming ASP.NET MVC 4

Angular Design Patterns

Did you volunteer to create a Web site for the softball team? Is it time to take your small business to the next level and let your customers shop online? Well, you can relax! ASP.NET 3.5 makes creating a dynamic site faster and cleaner than ever before, and ASP.NET 3.5 For Dummies makes it easier. First, you 'Il get an introduction to all the tools and terminology you need to understand ASP.NET. If you 've used earlier versions of ASP.NET and Visual Web Developer, you can probably skip that part and jump right into what 's new in 3.5. You'll make friends with LINQ and SQL, create sites in Visual Web Developer 2008 Express, and much more. Before you know it, you 'Il discover how to: Integrate data, track shopping cart contents, and whisk away bugs Create user interfaces with easy navigation Use the ListView control for sophisticated formatting Write LINQ gueries Add a table to a database Create an event handler Take advantage of the drag 'n' drop feature that lets you write less code Put all the features to work to develop dynamic Web applications. The softball team is going to love that we' re pretty sure that ASP.NET 3.5 For Dummies will make creating Web sites easier and a lot more fun.

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 application 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.

Provides information on designing and implementing applications for Windows Phone 7.

Tapadiya takes a straightforward, hands-on approach to explain everything readers need to know from development to deployment and maintenance for this platform--all from a developer's perspective. Using C# as the primary language, and with plenty of code examples throughout, this book is an excellent way to learn. ASP.NET Core in Action

Design Patterns Programming ASP.NET Dependency Injection In.Net

.NET Design Patterns **NET Programming**

If you want to speed up the development of your .NET applications, you're ready for C# design patterns -- elegant, accepted and proven ways to tackle common programming problems. This practical guide offers you a clear introduction to the classic object-oriented design patterns, and explains how to use the latest features of C# 3.0 to code them. C# Design Patterns draws on new C# 3.0 language and .NET 3.5 framework features to implement the 23 foundational patterns known to working developers. You get plenty of case studies that reveal how each pattern is used in practice, and an insightful comparison of patterns and where they would be best used or combined. This well-organized and illustrated book includes: An explanation of design patterns and why they're used, with tables and guidelines to help you choose one pattern over another Illustrated coverage of each classic Creational, Structural, and Behavioral design pattern, including its representation in UML and the roles of its various players C# 3.0 features introduced by example and summarized in sidebars for easy reference Examples of each patterns, you learn to make code correct, extensible and efficient to save time up front and eliminate problems later. If your business relies on efficient application development and quality code, you need C# Design Patterns.

What is this book about? Written by a high-profile team of ASP.NET experts, this fully updated Professional guide enables you to take full advantage of the power and possibilities of ASP.NET 1.1. You travel beyond the basics of ASP.NET Web pages, server controls, and data management to a complete understanding of Web services, debugging, performance, migration, and real-world applications. All code has been rechecked and verified to work correctly with ASP.NET 1.1, and enhancements like improved security and better performance are thoroughly examined and reviewed. This comprehensive, in-depth, practical guidebook enables you to master new levels of Web application development with the .NET Framework. What does this book cover? Here's what you will learn from this book: How to get started with ASP.NET and the .NET Framework Ways to create ASP.NET pages, work with server controls, and manage data Methods for developing, securing, and configuring Web applications Basics of base class libraries, components, and extensibility Security and performance improvements inherent in version 1.1 How Web services and ASP.NET function in the mobile arena Debugging, performance, migration, and interoperability Processes for applying this knowledge in real-world development contexts Who is this book for? This book is for programmers who have a solid understanding of ASP and want to develop sophisticated ASP.NET 1.1 applications using the .NET Framework. You should be familiar with VB or C-based syntax (C++, JavaTM, or C#).

Professional ASP.NET Design Patterns is all about showing you how to use the power of design patterns and core design principles in real ASP.NET applications. The goal of this book is to educate developers on the fundamentals of object oriented programming, design patterns, principles, and methodologies that can help you become a better programmer. Design patterns and principles enable loosely coupled and highly cohesive code, which will improve your code's readability, flexibility, and maintenance. Each chapter addresses a layer in an enterprise ASP.NET application and shows how proven patterns, principles, and best practices can be leveraged to solve problems and improve the design of your code. In addition, a professional-level, end-to-end case study is used to show how to use best practice design Patterns is for ASP.NET developers who are comfortable with the .NET framework but are looking to improve how they code and understand why design patterns, design principles, and best practices will make their code more maintainable and adaptable. Readers who have had experience with design patterns and common design principles, including the S.O.L.I.D. principles and Martin Fowler's enterprise patterns. All code samples are written in C# but the concepts can be applied very easily to VB.NET. This book covers well-known patterns and best practices for developing enterprise-level ASP.NET applications. The patterns used can be applied to any version of ASP.NET from 1.0 to 4.0. The patterns themselves are language agnostic and can be applied to any object oriented programming language. Professional ASP.NET Design Patterns can be used both as a step-by-step guide and as a continuous source of reference to dip into at your leisure. The book is broken into three distinct sections. Part 1 is an introduction to patterns and design principles. Part 2 examines how patterns and principles can be used in the various layers of an ASP.NET application. Part 3 represents an end-to-end case study showcasing many of the patterns covered in the book. You may find it useful to work through the chapters before reading the case study, or you may find it easier to see the patterns in action by reading the case study section first and referring back to Part 2 for a more detailed view on the patterns, their relevance in today's world, and their decoupling from specific programming languages. An overview of some common design principles and the S.O.L.I.D. design principles follows, and the chapter ends with a description of the Transaction Script pattern followed by the Active Record, with an exercise to demonstrate the pattern using the Castle Windsor project. The Domain Model pattern demonstrated in an exercise with NHibernate and a review of the domain-driven design (DDD) methodology Patterns and principles that can be used construct your objects and how to make sure that you are building your application for scalability and maintainability: Factory, Decorator, Template, State, Strategy, Composite, Specification and Layer Supertype. Design principles that can improve your code's maintainability and flexibility; these include Dependency Injection, Interface Segregation, and Liskov Substitution Principle Service Oriented Architecture, the Facade design pattern, messaging patterns such as Document Message, Request-Response, Reservatio

This book teaches you all the essential knowledge required to learn and apply time-proven SOLID principles of object-oriented design and important design an an acronym popularized by Robert Martin used to describe five basic principles of good object-oriented design--Single Responsibility, Open/Closed, Liskov Substitution, Interface Segregation and Dependency Inversion. This book covers all five principles and illustrates how they can be used in ASP.NET Core 1.0 applications. Design Patterns are time proven solutions to commonly occurring software design problems. The most well-known catalog of design patterns (Gang of Four patterns). This book contains detailed descriptions of how to apply Creational, Structural and Behavioral GoF design patterns along with some Patterns of Enterprise Application Architecture. Popular JavaScript patterns in ASP.NET Core 1.0 and C# are included. What You Will Learn: How to apply SOLID principles to ASP.NET applications How to use Gang of Four (GoF) design patterns in ASP.NET applications Techniques for applying Patterns of Enterprise Applications How to organize code and apply design patterns in JavaScript Who This Book Is For: This book is for ASP.NET developers familiar with ASP.NET Core 1.0, C# and Visual Studio.

24 Hour Trainer Professional Enterprise .NET Pro ASP.NET MVC 5 Pro ASP.NET MVC 4

Professional IIS 7 and ASP.NET Integrated Programming

Professional ASP.NET MVC 3

Professional ASP.NET Design PatternsWrox

Hands-On Design Patterns with C# and .NET Core covers all the essential design patterns that help .NET developers build effective applications. The book will add to your skills by showing you how these patterns can be implemented easily in everyday programming, enabling you to develop robust applications with optimal performance.

* Explains through case studies how design patterns can improve the design of the individual tiers in an application. * Shows how design patterns can be used in conjunction with .NET Remoting across the tiers in an application. * The emphasis throughout is on how design patterns can be used in real applications to write more robust and flexible code.

The ASP.NET MVC 4 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 4 contains a number of significant advances over previous versions. New mobile and desktop templates (employing adaptive rendering) are included together with support for jQuery Mobile for the first time. New display modes allow your application to select views based on the browser that's making the request while Code Generation Recipes for Visual Studio help you auto-generate project-specific code for a wide variety of situtations including NuGet support. In this fourth edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You 'Il 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 'Il 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.

Write clean and maintainable code by using reusable solutions to common software design problems

Professional ASP.NET 1.0

Professional ASP.NET 3.5 ASP.NET MVC Framework Unleashed

Essential Angular for ASP.NET Core MVC

Pro HTML5 and CSS3 Design Patterns

Get up and running with Windows Azure Mobile Services (WAMS) is a turn-key backend solution for applications, mobile or otherwise, to utilize structured storage in the cloud. It includes basic data access functionality and built-in authentication with Microsoft Account, Facebook, Twitter and Google, as well as push notification to the client app. This compact, to the point book gives you just what you need to get up and running with these tools. Demonstrates how to add, update, delete and retrieve data using standard .NET classes or REST-based requests Describes how Windows Azure Mobile Services supports authentication of the user and looks at the mechanism used to authenticate the user Features a number of examples that show how the WAMS scripting capability, database integration, and redundancy options This book shows you exactly how to take advantage of the functionality offered by Windows Azure Mobile Services.

What is this book about? This comprehensive compendium provides a broad and thorough investigation of all aspects of programming with ASP.NET. Entirely revised and updated for the 1.0 Release of .NET, this book will give you the information you need to master ASP.NET and build dynamic, successful, enterprise Web applications. What does this book cover? Here are just a few of the topics covered in this book: What ASP.NET is, and how it makes building applications even easier How easy it is to work with ASP.NET pages and server-side controls Accessing data of all kinds in your ASP.NET pages An introduction to ADO.NET Getting started with ASP.NET and the .NET Framework Creating ASP.NET pages, working with server controls, and data management Developing, securing, and configuring web applications Exploring Base class libraries, components, and extensibility Working with Web Services and ASP.NET in the mobile arena Debugging, performance, migration, and interoperability Integrating this knowledge in real world development contexts Who is this book for? This book is aimed at experienced ASP developers working at the leading edge [] rather than the casual ASP developer or beginner. We do not cover the basics of COM, ASP, or the .NET programming languages. This book is also ideal for Visual Basic developers who want to move into Web application design. What do you need to know in order to use this book: A solid understanding of ASP Familiarity with VB or C-based syntax (C++, Java(TM), or C#) A desire to develop sophisticated ASP.NET applications using the .NET Framework A desire for a comprehensive and in-depth guide to this exciting new technology

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

The deep integration of IIS7 and ASP.NET provides both IIS7 administrators and ASP.NET developers with new and exciting programming tools, techniques, and approaches that were not possible with earlier versions of IIS. With this book, Dr. Shahram Khosravi presents you with the only resource to focus exclusively on the key features of this exciting integration. Youll get in-depth coverage of all the major systems that make up the IIS7 and ASP.NET integrated infrastructure, detailed explanations on how to use them in your own applications, and techniques for extending them to meet your application requirements Packed with detailed code walkthroughs and in-depth analyses of numerous real-world examples - all written and tested with Windows Vista, Windows Server 2008, ASP.NET 2.0, and ASP.NET 3.5 (Visual Studio 2008), this book helps you gain the skills, knowledge, and experience you need to use and to extend the major systems that make up the IIS7 and ASP.NET integrated infrastructure. Some of the key topics covered include: How to write integrated IIS7 and ASP.NET 2.0, and ASP.NET 3.5 (Visual Studio 2008) Techniques for implementing and plugging custom HTTP modules, handlers, and handler factories into the IIS7 and ASP.NET integrated request processing pipeline How to manage the IIS7 and ASP.NET integrated declarative schema extension markup language (sectionSchema, attribute, element, collection, and so on) to implement custom configuration Section Section, ApplicationPool, Site, Application, and so on) to implement custom configuration Section, ApplicationPool, Site, Application, and so on) to implement custom configuration Section, and so on) to implement custom configuration Section, and so on) to implement custom configuration Section, Application, and so on) to implement custom configuration Section, and so on) to implement custom configuration Section ServerManager and so on) to add support for custom managed classes Tips for extending the IIS7 and ASP.NET integrated graphical management system (ModuleService, ModuleService, ModuleProvider, TextTaskItem, MethodTaskItem, and so on) to add new graphical components to IIS7 Manager Techniques for using and extending the IIS7 and ASP.NET integrated provider configuration Feature, Provider Configuration Service, Configuration Module Provider, and so on) and ways to implement and to plug custom provider-based services into this system and IIS7 Manager Ways to use the IIS7 and ASP.NET integrated tracing and diagnostics - TraceSource, SourceSwitch, IisTraceListener, EventTypeFilter, RSCA, Request, WorkerProcess, Failed Request Tracing, and so on ASP.NET and Windows Communication Foundation integration in IIS7

A JavaScript and iOuery Developer's Guide

Software Architecture with C# 9 and .NET 5 Professional Refactoring in C# & ASP.NET

Professional ASP.NET 2.0 Security, Membership, and Role Management

Learning JavaScript Design Patterns

Professional ASP.NET Design Patterns

This concise guide for experienced programmers and software architects is a complete no-nonsense overview of key elements and programming languages central to all .NET application development.

Provides information on using ASP.NET 2.0 along with universal Web standards to create Web application interface designs.