Net Business Application Framework

Thuan Thai,Hoang Lam

Enterprise Application Development with C# 9 and .NET 5 Ravindra Akella,Arun Kumar Tamirisa,Suneel Kumar Kunani,Bhupesh Guptha Muthiyalu,2021-03-19 Become a professional .NET developer by learning expert techniques for building enterprise-grade applications Key FeaturesExplore the advanced features of C# and .NET 5 to enhance your code and productivityFollow clear and easy instructions for building an end-to-end enterprise applicationLearn how to build scalable web applications and host them on the cloudBook Description .NET Core is one of the most popular programming platforms in the world for an increasingly large community of developers thanks to its excellent cross-platform support. This book will show you how to confidently use the features of .NET 5 with C# 9 to build robust enterprise applications. Throughout the book, you'll work on creating an enterprise app and adding a key component to the app with each chapter, before ?nally getting it ready for testing and deployment. You'll learn concepts relating to advanced data structures, the Entity Framework Core, parallel programming, and dependency injection. As you progress, you'll cover various authentication and authorization schemes provided by .NET Core to make your apps and APIs secure. Next, you'll build web apps using ASP.NET Core 5 and deploy them on the cloud while working with various cloud components using Azure. The book then shows you how to use the latest Microsoft Visual Studio 2019 and C# 9 to simplify developer tasks, and also explores tips and tricks in Visual Studio 2019 to improve your productivity. Later, you'll discover various testing techniques such as unit testing and performance testing as well as di?erent methods to deploy enterprise apps. By the end of this book, you'll be able to create enterprise apps using the powerful features of .NET 5 and deploy them on the cloud. What you will learnDesign enterprise apps by making the most of the latest features of .NET 5Discover di?erent layers of an app, such as the data layer, API layer, and web layerExplore end-to-end architecture, implement an enterprise web app using .NET and C# 9, and deploy the app on AzureFocus on the core concepts of web application development such as dependency injection, caching, logging, con?guration, and authentication, and implement them in .NET 5Integrate the new .NET 5 health and performance check APIs with your appUnderstand how .NET 5 works and contribute to the .NET 5 platformWho this book is for If you are a developer, architect, or senior programmer who wants to leverage the features of .NET 5 and the C# language, as well as grasp essential techniques to build your skills, then this C# .NET 5 book is for you. Beginner to intermediate-level knowledge of the .NET framework and C# programming is required to understand the concepts covered in this book more effectively.

ASP.NET Core: Cloud-ready, Enterprise Web Application Development Mugilan T. S. Ragupathi,Valerio De Sanctis,James Singleton,2017-06-09 Create fast, scalable, and high-performance applications with C# and ASP.NET Core About This Book Get first-principle coverage of the latest ASP.NET Core MVC Find out how to bring together the capabilities and features of both Angular 2 and ASP.NET Core Discover common areas you might encounter performance problems with and areas you don't need to worry about Who This Book Is For This book is for developers who want to learn to build web applications using ASP.NET Core, those who want to make a career building web applications using Microsoft technology, and those who are working on other web frameworks and want to learn ASP.NET Core. What You Will Learn Get to know the concepts of ASP.NET MVC Create a Controller with action methods Build a view using several features of the Razor View engine Construct a Model for ASP.NET Core MVC application Find out how the features of ASP.NET Core and Angular 2 perfectly complement each other Handle requests and actions using server-side and client-side Routing Create a Data Model using Entity Framework Core Learn how to use Angular 2 components and master directives Improve performance at the network level and I/O level, and how to optimize the application as a whole Monitor performance as part of Continuous Integration and regression testing In Detail ASP.NET Core is the new, open source, and cross-platform, web-application framework from Microsoft. ASP.NET Core MVC helps you build robust web applications using the Model-View-Controller design. This guide will help you in building applications that can be deployed on non-Windows platforms such as Linux. Starting with an overview of the MVC pattern, you will quickly dive into the aspects that you need to know to get started with ASP.NET. You will learn about the core architecture of model, view, and control. Integrating your application with Bootstrap, validating user input, interacting with databases, and deploying your application are some of the things that you will learn to execute with this fast-paced guide. You will test your knowledge as you build a fully working sample application using the skills you've learned throughout the book. Moving forward, this guide will teach you to combine the impressive capabilities of ASP.NET Core and Angular 2. Not only will you learn how Angular 2 can complement your .NET skills and toolkit, you'll also learn everything you need to build a complete, dynamic single-page application. Find out how to get your data model in place and manage an API, before styling and designing your frontend for an exceptional user experience. You will find out how to optimize your application for SEO, identify and secure vulnerabilities, and how to successfully deploy and maintain your application. From here, you will delve into the latest frameworks and software design patterns to improve your application performance. The course offers premium, highly practical content on the recently released ASP.NET Core, and includes material from the following Packt books: Learning ASP.NET Core MVC Programming, ASP.NET Core and Angular 2, and ASP.NET Core 1.0 High Performance. Style and approach This learning path takes a first-principles approach to help you understand and implement ASP.NET MVC solutions.

C# 10 and .NET 6 – Modern Cross-Platform Development Mark J. Price,2021-11-09 Publisher's Note: Microsoft will stop supporting .NET 6 from November 2024. The newer 8th edition of the book is available that covers .NET 8 (end-of-life November 2026) with C# 12 and EF Core 8. Purchase of the print or Kindle book includes a free PDF eBook 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 DescriptionExtensively 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 learn Build rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET Core Build your own types with object-oriented programming Write, test, and debug functions Query and manipulate data using LINQ Integrate and update databases in your apps using Entity Framework Core, Microsoft SQL Server, and SQLite Build and consume powerful services using the latest technologies, including gRPC and GraphQL Build cross-platform apps using XAML Who this book is forDesigned for both beginners and C# and .NET programmers who have worked with C# in the past and want to catch up on 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.

Developing Application Frameworks in .NET Xin Chen,2004-04-26 * Provides ready-to-run code for some of the most common tasks that .NET applications need to perform, which readers can incorporate directly into their own applications * Shows how to develop an extensible application framework that will greatly simplify development using the Microsoft .NET Framework * Provides examples of advanced object-oriented techniques such as design patterns in the context of real applications * The complete source code for SAF, which is ready for use and can be modified freely, is available for download * Deepens knowledge of .NET by showing many different .NET technologies (e.g. Remoting) in action, in a real application – not just illustrative samples

NET E-business Architecture Robert Amar,G. A. Sullivan,2002 A guide to building a full-service Web-based commerce application using .NET technologies, presenting an architecture and development blueprint of the technologies available in .NET for companies delivering services via the Web. It includes coverage of C#, Visual Basic.NET, ASP.NET, and more.

ASP.NET 3.5 Enterprise Application Development with Visual Studio 2008 Vincent Varallo,2009-02-10 This book provides a step-by-step guide for developing an ASP.NET 3.5 application using the latest features in

Visual Studio 2008. The Problem Design Solution series by Wrox is unique because it describes a large case study and builds an entire solution chapter by chapter for each incremental step. This book uses a wide variety of new features in Visual Studio 2008, explains each in detail, and produces a solution that you can use as a starting point for your own applications. If you are responsible for designing or developing enterprise-wide applications, departmental applications, portals, or any line of business application, then this book is for you. Many applications have a similar set of features, and this book builds an application with some of the most common features of enterprise applications. Let's face it: Every application has the same general set of features, but implemented in a different way. A database sits in the back end and you, as the developer, are responsible for enabling users to add, update, select, and delete records. If only it were that simple, no? The real development work starts when you sit with users and try to understand the business process and why they need a new or improved system in the first place. A lot of companies have departments that use Excel and Access wizards to create small systems that eventually become a lifeline for some part of the business. Usually something bad happens because of the nature of the tool they are using. Senior-level management is called in, project managers are hired, programmers are contracted, and the Project Management Office (PMO) is called to save the world. Suddenly this loosely defined process is high priority and people want documented standard operating procedures, audit reports, more productivity, less people, and of course a system that can do it all, which is where you come in. When you think about it, it's a pretty daunting task. You're expected to become an expert in someone else's business process, flaws and all, and create a system that the company will rely on as the backbone for their existence. OK, maybe I'm exaggerating just a little bit, but when you go looking for that raise you might want to phrase it that way. This book will give you the tools necessary to build a framework that can be extended to create a solution to solve your company's problems. The design pattern uses the normal three layers, the user interface (UI), the business logic layer (BLL), and the data access layer (DAL), but also builds the classes in each layer that encapsulate common business rules such as role-based security, workflow, reporting, dynamic menus, data entry, dynamic querying, notifications, exception handling, and auditing. As the book guides you through the complete solution, each business requirement is thoroughly examined and some of the latest enhancements in ASP.NET 3.5 and Visual Studio 2008 are used to implement them in a reusable framework. Enterprise applications are typically complex, and the teams that build enterprise applications come in all shapes and sizes. Some of the roles include a project sponsor, a project manager, business analysts, an architect, UI developers, middle-tier developers, database developers, and, if you're really lucky, testers. Just a side note: Users are not testers. If you ever have the pleasure of working with professional testers, you'll realize how important they are in the process, and how they truly are "quality" assurance engineers. Unfortunately, a lot of companies aren't willing to invest in professional testers, so the users and/or developers end up assuming that role. This book is mainly focused on the architect and developers, but testers may find it valuable as well to help them understand the plumbing that goes into developing and architecting an enterprise application. This book is for the intermediate to senior level developer or system architect. It would be helpful if you have experience with Visual Studio, the .NET Framework, ASP.NET, and C# because that is what the samples are written in, but the design pattern could be used in any language. The book is focused on enterprise applications, but the pattern could be used for any type of application that has a web front end and connects to a database. The application framework built in this book provides a foundation that can be extended to meet the specific business needs of your organization. The sample application in this book is built using Visual Studio 2008, ASP.NET 3.5, C#, and SQL Server 2005. Each chapter goes into great detail, with plenty of code samples, and uses some of the new features in Visual Studio 2008 and the language enhancements in the .NET Framework 3.5. The solution includes examples for technologies such as LINQ to SQL, master pages, custom controls, GridViews, business objects, data objects, and Crystal Reports. Some of the language enhancements discussed include LINQ, extension methods, partial methods, automatic properties, anonymous types, lambda expressions, and object initializers. Of course, I realize that the code is what most developers are interested in, and each chapter provides numerous examples. The Problem Design Solution series is just that. Each chapter has three sections with a description of the problem to be addressed, the design considerations for choosing a solution for the problem, and the solution that ultimately addresses the problem. The solution includes the bulk of the code. Each chapter builds upon the previous chapter, and it is recommended that you read them in order. The base classes that are described in the first few chapters are critical to an understanding of the rest of the book. Later chapters build upon the base classes and extend their functionality in all three layers of the application.

ASP.NET Core 2 Fundamentals Onur Gumus,Mugilan T. S. Ragupathi,2018-08-30 Imagine the boost in business if you can build large, rich web applications with little code and built-in Windows authentication. With this book, you can gain skills to develop real-world applications with ASP.NET Core 2. Key Features Adopts the application-centric approach to explain core concepts Covers industry-best practices to build flexible, robust applications Shows how to enhance your applications by adding more functionalities Book Description The book sets the stage with an introduction to web applications and helps you build an understanding of the tried-and-true MVC architecture. You learn all about views, from what is the Razor view engine to tagging helpers. You gain insight into what models are, how to bind them, and how to migrate database using the correct model. As you get comfortable with the world of ASP.NET, you learn about validation and routing. You also learn the advanced concepts, such as designing Rest Buy (a RESTful shopping cart application), creating entities for it, and creating EF context and migrations. By the time you are done reading the book, you will be able to optimally use ASP.NET to develop, unit test, and deploy applications like a pro. What you will learn Work with basic programming constructs using the Razor view engine Use flexibility and data compartmentalization of ViewModel Build a custom route for ASP.NET MVC applications for SEO Optimize applications with performance analysis and improvement steps Improve application performance, security, and data access to optimize the overall development process Deploy an ASP.NET MVC application in a non-Windows environment Who this book is for If you are looking to build web applications using ASP.NET Core or you want to become a pro in building web applications using the Microsoft technology, this is the ideal book for you. Prior exposure and understanding of C#, JavaScript, HTML, and CSS syntax is assumed.

ASP.NET 4.0 in Practice Stefano Mostarda,Marco De Sanctis,Daniele Bochicchio,2011-05-14 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 ==Table of Contents PART 1 ASP.NET FUNDAMENTALS Getting acquainted with ASP.NET 4.0 Data access reloaded: Entity Framework Integrating Entity Framework and ASP.NET PART 2 ASP.NET WEB FORMS Building the user interface with ASP.NET Web Forms Data binding in ASP.NET Web Forms Custom controls Taking control of markup PART 3 ASP.NET MVC Introducing ASP.NET MVC Customizing and extending ASP.NET MVC PART 4 SECURITY ASP.NET security ASP.NET authentication and authorization PART 5 ADVANCED TOPICS Ajax and RIAs with ASP.NET 4.0 State Caching in ASP.NET Extreme ASP.NET 4.0 Performance and optimizations

.NET Framework Essentials Thuan Thai,Hoang Lam,2003 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

Developing .NET Enterprise Applications John Kanalakis,2008-01-01 The author Kanalakis gives in-depth and detailed guidance on how to build a single, scalable enterprise application with C# and using .NET technologies.

Pro .NET Performance Sasha Goldshtein,Dima Zurbalev,SELA Group,Ido Flatow,2012-10-22 Maximizing the performance of your algorithms and applications is extremely important and can give you a competitive advantage, a lower cost of ownership, and happier users. Pro .NET Performance explains the internals of Windows, the CLR, and the physical hardware that affect the performance of your applications, and gives you the knowledge and tools to measure how your code performs in isolation from external factors. The book is full of C# code samples and tips to help you squeeze every bit of juice from your application—lower memory utilization, consistent CPU usage, and fewer I/O operations across the network and disk. Pro .NET Performance will change the way you think about .NET application development. Guides you through performance measurement with a variety of profilers and other tools Explains how OS and CLR internals affect your application's performance in unexpected ways Provides you with tips and real-life case studies for improving application performance

Building Web Applications with .NET Core 2.1 and JavaScript Philip Japikse,Kevin Grossnicklaus,Ben Dewey,2019-12-13 Roll up your sleeves and jump into building web applications using .NET Core 2.1 and the most popular JavaScript frameworks. You will start by building a data access layer using Entity Framework Core, a RESTful service using ASP.NET Core, and then you will build a web application following the MVC pattern, also using ASP.NET Core. The resulting application is an example e-commerce site using the most appropriate capabilities in .NET Core for building a line of business applications. The second half of Building Web Applications with .NET Core 2.1 and JavaScript is dedicated to teaching you how to develop applications on the client with JavaScript, BootStrap, and related tooling such as TypeScript, WebPack, NPM, and more. Each JavaScript framework will build the same UI as the ASP.NET Core web application from the first half of the book, leveraging the same ASP.NET Core RESTful service and Entity Framework Core data access layer. Building the same UI in the different JavaScript frameworks provides the context and knowledge to reasonably compare and contrast the tools. What You Will Learn Ramp up quickly on Entity Framework Core and ASP.NET Core Use TypeScript to deliver better JavaScript Manage your JavaScript build process Know how to build UIs with ASP.NET Core MVC, Angular, and React to make better decisions on which technologies to adopt in your projectsConduct an apples-to-apples comparison of ASP.NET Core, Angular, and React Who This Book Is For .NET architects, consultants, and developers who want to modernize their skill set. Some understanding of JavaScript and the Web is useful.

ASP.NET 3.5 Enterprise Application Development with Visual Studio 2008 Vincent Varallo,2011-02-11

Professional DotNetNuke 4 Shaun Walker,Joe Brinkman,Bruce Hopkins,Scott McCulloch,Chris Paterra,Patrick J. Santry,Scott Willhite,Dan Caron,2006-07-24 DotNetNuke is a powerful open source framework that creates and deploys robust modules on the ASP.NET platform. Written by its core team of developers, this book will provide you with the tools and insight you'll need to install, configure, and develop your own stunning Web applications using DotNetNuke 4. You'll first gain an inside look into the history of this project as well as the basic operations of a DotNetNuke portal. You'll then find detailed information on how the application is architected and how you can extend it by building modules and skins. With this information, you'll be able to complete projects such as commercial Web sites, corporate intranets and extranets, online publishing portals, and custom vertical applications. What you will learn from this book The latest features and functionality of DotNetNuke 4 for ASP.NET 2.0 The best way to install DotNetNuke on the server Proven tips for managing and administering a DotNetNuke portal How to dramatically enhance your Web site's user interface using skins Techniques for extending the portal framework Ways to create a unique look for your porta Who this book is for This book is for the nondeveloper or administrator who wants to dive into the exciting DotNetNuke framework. It is also for experienced ASP.NET developers who want to use DotNetNuke to build dynamic ASP.NET sites or create add-ins to DotNetNuke. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

ASP.NET 3.5 Application Architecture and Design Vivek Thakur,2008-10-24 Build robust, scalable ASP.NET applications quickly and easily.

Entity Framework 4 in Action Marco De Sanctis,Stefano Mostarda,Daniele Bochicchio,2011-04-30 Summary Entity Framework 4 in Action is an example-rich tutorial for .NET developers with full coverage of EF 4 features. The book begins with a review of the core ideas behind the ORM model and shows through detailed examples and larger case studies how Entity Framework offers a smooth transition from a traditional ADO.NET approach. About the Technology Entity Framework builds on the ADO.NET persistence model and the language features of LINQ to create a powerful persistence mechanism that bridges the gap between relational databases and object-oriented languages. About the Book Entity Framework 4 in Action is an example-rich tutorial that helps .NET developers learn and master the subject. It begins by explaining object/relational mapping and then shows how you can easily transition to EF from ADO.NET. Through numerous focused examples and two larger case studies, the book unfolds the EF story in a clear, easy-to-follow style. Infrastructure and inner workings of EF are discussed when you need them to understand a particular feature. This book is written for .NET developers. Knowledge of ADO.NET is helpful but not required. 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 Full coverage of EF 4 features Layer separation, Data Layer, and Domain Model Best practices Table of Contents PART 1 REDEFINING YOUR DATA-ACCESS STRATEGY Data access reloaded: Entity Framework Getting started with Entity Framework PART 2 GETTING STARTED WITH ENTITY FRAMEWORK Querying the object model: the basics Querying with LINQ to Entities Domain model mapping Understanding the entity lifecycle Persisting objects into the database Handling concurrency and transactions PART 3 MASTERING ENTITY FRAMEWORK An alternative way of querying: Entity SQL Working with stored procedures Working with functions and views Exploring EDM metadata Customizing code and the designer

Enterprise Application Architecture with .NET Core Ganesan Senthilvel,Ovais Mehboob Ahmed Khan,Habib Ahmed Qureshi,2017-04-25 Architect and design highly scalable, robust, clean and highly performant applications in .NET Core About This Book Incorporate architectural soft-skills such as DevOps and Agile methodologies to enhance program-level objectives Gain knowledge of architectural approaches on the likes of SOA architecture and microservices to provide traceability and rationale for architectural decisions Explore a variety of practical use cases and code examples to implement the tools and techniques described in the book Who This Book Is For This book is for experienced .NET developers who are aspiring to become architects of enterprise-grade applications, as well as software architects who would like to leverage .NET to create effective blueprints of applications. What You Will Learn Grasp the important aspects and best practices of application lifecycle management Leverage the popular ALM tools, application insights, and their usage to monitor performance, testability, and optimization tools in an enterprise Explore various authentication models such as social media-based authentication, 2FA and OpenID Connect, learn authorization techniques Explore Azure with various solution approaches for Microservices and Serverless architecture along with Docker containers Gain knowledge about the recent market trends and practices and how they can be achieved with .NET Core and Microsoft tools and technologies In Detail If you want to design and develop enterprise applications using .NET Core as the development framework and learn about industry-wide best practices and guidelines, then this book is for you. The book starts with a brief introduction to enterprise architecture, which will help you to understand what enterprise architecture is and what the key components are. It will then teach you about the types of patterns and the principles of software development, and explain the various aspects of distributed computing to keep your applications effective and scalable. These chapters act as a catalyst to start the practical implementation, and design and develop applications using different architectural approaches, such as layered architecture, service oriented architecture, microservices and cloud-specific

solutions. Gradually, you will learn about the different approaches and models of the Security framework and explore various authentication models and authorization techniques, such as social media-based authentication and safe storage using app secrets. By the end of the book, you will get to know the concepts and usage of the emerging fields, such as DevOps, BigData, architectural practices, and Artificial Intelligence. Style and approach Filled with examples and use cases, this guide takes a no-nonsense approach to show you the best tools and techniques required to become a successful software architect.

Clean Architecture Robert C. Martin,2017-09-12 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.

Enterprise Services with the .NET Framework Christian Nagel,2005 ET Enterprise Services are and how to use them to build effective distributed business applications. It presents the big picture of.NET Enterprise Services using clear explanations and practical examples. It discusses the architecture using straightforward language and demonstrates how to use all of the Enterprise Services technologies to develop scalable distributed applications. All samples from the book will be available in both C No. and VB.NET at www.ChristianNagel.com/EnterpriseServices.

Hands-On Full-Stack Web Development with ASP.NET Core Tamir Dresher,Amir Zuker,Shay Friedman,2018-10-31 Become a full-stack developer by learning popular Microsoft technologies and platforms such as .NET Core, ASP.NET Core, Entity Framework, and Azure Key FeaturesBring static typing to web development with features compatible in TypeScript 3Implement a slim marketplace single page application (SPA) in Angular, React, and VueModernize your web apps with Microsoft Azure, Visual Studio, and GitBook Description Today, full-stack development is the name of the game. Developers who can build complete solutions, including both backend and frontend products, are in great demand in the industry, hence being able to do so a desirable skill. However, embarking on the path to becoming a modern full-stack developer can be overwhelmingly difficult, so the key purpose of this book is to simplify and ease the process. This comprehensive guide will take you through the journey of becoming a full-stack developer in the realm of the web and .NET. It begins by implementing data-oriented RESTful APIs, leveraging ASP.NET Core and Entity Framework. Afterward, it describes the web development field, including its history and future horizons. Then, you'll build webbased Single-Page Applications (SPAs) by learning about numerous popular technologies, namely TypeScript, Angular, React, and Vue. After that, you'll learn about additional related concerns involving deployment, hosting, and monitoring by leveraging the cloud; specifically, Azure. By the end of this book, you'll be able to build, deploy, and monitor cloud-based, data-oriented, RESTful APIs, as well as modern web apps, using the most popular frameworks and technologies. What you will learnBuild RESTful APIs in C# with ASP.NET Core, web APIs, and Entity FrameworkSee the history and future horizons of the web development fieldBring static-typing to web apps using TypeScriptBuild web applications using Angular, React, and VueDeploy your application to the cloudWrite web applications that scale, can adapt to changes, and are easy to maintainDiscover best practices and real-world tips and tricksSecure your backend server with Authentication and Authorization using OAuth 2.0Who this book is for This book is for developers who are keen on strengthening their skills in the field of cloud-based full-stack web development. You need basic knowledge of web-related pillars, including HTML, CSS, and JavaScript, as well as C# and REST. This book targets novice developers in the realm of Web development and ASP.NET who desire to advance to modern Web and ASP.NET Core development and leverage the Cloud to manage and bring everything together.

Delve into the emotional tapestry woven by Crafted by in Experience **Net Business Application Framework** . This ebook, available for download in a PDF format (PDF Size: *), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

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Net Business Application Framework Introduction

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