Pro Asp Net Core Adam Freeman

A Masterpiece of the Digital Age: Diving into 'Pro ASP.NET Core by Adam Freeman'

Prepare to embark on a truly transformative journey, one that's as imaginative as any fantasy realm and as deeply engaging as the most profound human story. Adam Freeman's *Pro ASP.NET Core* isn't just a book; it's an invitation to explore a vibrant, dynamic world where code comes alive and the possibilities are as boundless as your imagination. If you've ever felt a flicker of curiosity about building the web applications of tomorrow, or if you're a seasoned explorer looking for your next great adventure, this book is an absolute must-read.

What sets *Pro ASP.NET Core* apart is its incredible ability to weave technical instruction with a sense of wonder. Freeman doesn't just present concepts; he paints them. You'll find yourself captivated by the elegant architecture of ASP.NET Core, understanding its inner workings not as dry facts, but as the building blocks of incredible digital experiences. The emotional depth here lies in the sheer empowerment it offers. As you learn, you'll feel a growing sense of confidence and capability, a genuine connection to the craft of software development that is both exhilarating and deeply rewarding.

This book possesses a universal appeal that transcends age and background. Whether you're a young adult just beginning to

discover your passion for technology, an avid reader who devours knowledge, or a literature enthusiast who appreciates intricate narratives, *Pro ASP.NET Core* will resonate with you. It's a story of creation, of problem-solving, and of bringing ideas to life in the digital sphere. The clarity of Freeman's writing makes complex topics accessible and enjoyable, ensuring that everyone can find their place in this exciting world.

Here are just a few of the reasons why *Pro ASP.NET Core* is an absolute triumph:

Imaginative Setting: Freeman conjures a world where the abstract concepts of web development become tangible and exciting. You'll discover the magic behind creating interactive websites and powerful applications.

Emotional Depth: The journey through ASP.NET Core is one of personal growth and empowerment. You'll experience the satisfaction of mastering new skills and the joy of seeing your creations come to fruition.

Universal Appeal: This book is a testament to the idea that learning can be an adventure for everyone. Its clear explanations and engaging style make it approachable for beginners and a valuable resource for experienced developers alike.

Timeless Wisdom: The principles and practices you'll learn are fundamental to modern web development, making this a guide you'll return to again and again.

It's rare to find a technical book that feels like a treasured companion, but *Pro ASP.NET Core* achieves just that. It's a source of inspiration, a guide to innovation, and a testament to the enduring power of well-crafted knowledge. It's a book that doesn't just teach you; it encourages you to dream, to build, and to create.

To young adults, avid readers, and literature enthusiasts: If you're looking for a story that will ignite your curiosity and equip you with incredible skills, look no further. *Pro ASP.NET Core* is a modern classic that deserves a place on your bookshelf, not just for the knowledge it imparts, but for the enriching experience it offers.

In conclusion, Adam Freeman's *Pro ASP.NET Core* is a truly exceptional work that captures hearts worldwide with its blend of technical brilliance and narrative charm. It's a timeless classic, an indispensable educational tool, and a magical journey that will leave you inspired and empowered. Don't miss the chance to experience this masterpiece for yourself!

ASP.NET CoreASP.NET CoreASP.NET Core RecipesIntroduction to the Development of Web Applications Using ASP .Net (Core) MVCASP.NET Core 8 and AngularCustomizing ASP.NET Core 5.0ASP.NET Core 5 and AngularPro ASP.NET Core MVCASP.NET Core 6 and AngularBuilding Web APIs with ASP.NET Core.NET Core 1.0 und 1.1ASP.NET CORE 3+ASP.NET Core 5 Secure Coding CookbookASP.NET Core 5 and ReactASP.NET Core in Action, Third EditionCustomizing ASP.NET Core 6.0ASP.NET Core 1.0 GrundkursWeb API Development with ASP.NET Core 8ASP.NET Core MVC 2.0 CookbookC# 6 and .NET Core 1.0: Modern Cross-Platform Development Oğuzhan Açıkgöz Oguzhan Açikgöz John Ciliberti Razvan Alexandru Mezei Valerio De Sanctis Jürgen Gutsch Valerio De Sanctis ADAM FREEMAN Valerio De Sanctis Valerio De Sanctis Manfred Steyer Erkan Güzelküçuk Roman Canlas Carl Rippon Andrew Lock Jürgen Gutsch Xiaodi Yan Jason De Oliveira Mark J. Price

ASP.NET Core ASP.NET Core ASP.NET Core Recipes Introduction to the Development of Web Applications Using ASP .Net (Core) MVC ASP.NET Core 8 and Angular Customizing ASP.NET Core 5.0 ASP.NET Core 5 and Angular Pro ASP.NET Core MVC ASP.NET Core 6 and Angular Building Web APIs with ASP.NET Core .NET Core 1.0 und 1.1 ASP.NET CORE 3+ ASP.NET Core 5 Secure Coding Cookbook ASP.NET Core 5 and React ASP.NET Core in Action, Third Edition Customizing ASP.NET Core 6.0 ASP.NET Core 1.0 Grundkurs Web API Development with ASP.NET Core 8 ASP.NET Core MVC 2.0 Cookbook C# 6 and .NET Core 1.0: Modern Cross-Platform Development *Oğuzhan Açıkgöz Oguzhan Açikgöz John Ciliberti Razvan Alexandru Mezei Valerio De Sanctis Jürgen Gutsch Valerio De Sanctis ADAM FREEMAN Valerio De Sanctis Valerio De Sanctis Manfred Steyer Erkan Güzelküçuk Roman Canlas Carl Rippon Andrew Lock Jürgen Gutsch Xiaodi Yan Jason De Oliveira Mark J. Price*

microsoft hat mit der ankündigung von asp net core ehemals asp net vnext oder asp net 5 einen paradigmenwechsel für das unternehmen eingeschlagen asp net core ist ein plattformunabhängiges quelloffenes und architektonisch durchdachtes

framework das auf linux und mac systemen entwickelt und auch publiziert werden kann komplementär zum core framework stellt microsoft seine auf allen betriebssystemen lauffähige entwicklungsumgebung visual studio code vor ab sofort sind net entwickler nicht mehr an microsoft systeme gebunden und müssen auch nicht mehr nach alternativen technologien ausschau halten wenn das zielsystem nicht microsoft ist umso wichtiger ist die frühestmögliche konfrontation mit asp net core um im markt bestmöglich aufgestellt zu sein dieses buch fokussiert sich auf die essentiellen fragmente von asp net core und ermöglicht einen einfachen um und einstieg in das neue core framework verbunden mit jeder menge codebeispielen werden alle relevanten grundlagen für das implementieren von enterprise lösungen aufgegriffen

quickly find solutions to common web development problems content is presented in the popular problem solution format look up the problem that you want to solve read the solution apply the solution directly in your own code problem solved asp net core recipes is a practical guide for developers creating modern web applications cutting through the complexities of asp net jquery react and html5 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 mvc framework and development tools presenting typical challenges along with code solutions and clear concise explanations to accelerate application development solve problems immediately by pasting in code from the recipes or put multiple recipe solutions together to overcome challenging development obstacles what you ll learn take advantage of mvc s streamlined syntax discover how to take full control over html develop a simple api for creating restful web services understand test driven development migrate a project from asp net web forms to core mvc including recipes for converting datagrids forms parts master pages and navigation controls use core mvc in combination with popular javascript libraries including jquery react bootstrap and more write unit tests for your mvc controllers views custom filters and html helpers utilize the latest features in visual studio 2017 to accelerate your core mvc projects identify performance bottlenecks in your mvc application who this book is for developers of all skill levels who are looking for a programming reference for asp net core mvc and

would like to gain an understanding of the inner workings of the platform in addition parts of this book provide guidance to developers familiar with asp net forms who would like to update their skill set to include core mvc

this book introduces a simplified approach to web application development using the open source asp net core mvc framework readers will learn to implement web applications using the following languages and frameworks html javascript css bootstrap c asp net and entity framework core in addition this book addresses how to build a web application to create user accounts store data in a database manipulate data and how to allow controlled access to certain parts of the application functionality the author also covers both client side and server side development and the use of an object relational mapper to work with persistent data using a database topics include models views controllers routing entity framework core identity layouts dependency injection and services model binder among others this book introduces the development of web applications using the open source asp net core mvc framework implements web applications including html javascript css bootstrap c asp net and entity framework core features client side development server side development and object relational mapper software

build robust scalable web applications using asp net core 8 angular and entity framework core purchase of the print or kindle book includes a free pdf ebook key features combine asp net core and angular to build highly versatile web applications create a production ready single page application spa or progressive application pwa adopt a full stack approach to handle data management api documentation apis end to end testing security and deployment book descriptionif you want to learn how to use asp net core with angular effectively this hands on guide is for you improve the way you create debug and deploy web applications while keeping up to date with the latest developments in net 8 and modern angular including net minimal apis and the new angular standalone api defaults you ll begin by setting up sql server 2022 and building a data model with entity framework core you ll progress to fetching and displaying data handling user input with angular reactive forms and implementing front end and back end validators for maximum effect after that you will perform advanced debugging and

explore unit testing features with xunit for net and jasmine and karma for angular you ll use identity api endpoints in asp net core and functional route guards in angular to add authentication and authorization to your apps finally you ll learn how to deploy to windows linux and azure by the end of this book you will understand how to tie together the front end and back end to build and deploy secure and robust web applications what you will learn explore the new angular and asp net core template with visual studio 2022 use modern interfaces and patterns such as the html5 pushstate api webhooks and ui data bindings add real time capabilities to angular apps with signalr and grpc implement authentication and authorization using jwts perform dbms structured logging using providers such as serilog convert a standard web application to a progressive web application pwa deploy an angular app to azure static apps add graphql support to back end and front end using hotchocolate and apollo angular who this book is for this book is for developers who have some familiarity with asp net core and angular and want to learn how to use them effectively together

a guide to discovering the hidden behaviors of asp net core that can be customized to optimize your net 5 applications key featurescustomize the default behavior of asp net core to get the most out of the frameworkenhance the app configuration change the default dependency injection and build your own tag helpersdiscover best practices for configuring asp net core from user interface design to hosting it on platformsbook description asp net core is the most powerful microsoft web framework although it s full of rich features sometimes the default configurations can be a bottleneck and need to be customized to suit the nature and scale of your app if you re an intermediate level net developer who wants to extend net core to multiple use cases it s important to customize these features so that the framework works for you effectively customizing asp net core 5 0 covers core features that can be customized for developing optimized apps the customization techniques are also updated to work with the latest net 5 framework you ll learn essential concepts relating to optimizing the framework such as configuration dependency injection routing action filters and more as you progress you ll be able to create custom solutions that meet the needs of your use case with asp net core later chapters will cover expert techniques and best practices for using the framework for your app development needs from ui design to hosting finally you ll focus on

the new endpoint routing in asp net core to build custom endpoints and add third party endpoints to your web apps for processing requests faster by the end of this application development book you ll have the skills you need to be able to customize asp net core to develop robust optimized apps what you will learnexplore various application configurations and providers in asp net core 5understand dependency injection in net and learn how to add third party di containersdiscover the concept of middleware and write your own middleware for asp net core appscreate various api output formats in your api driven projectsget familiar with different hosting models for your asp net core appdevelop custom routing endpoints and add third party endpointsconfigure webhostbuilder effectively for your web applicationswho this book is for this net 5 book is for net developers who need to change the default behaviors of the framework to help improve the performance of their applications intermediate level knowledge of asp net core and c is required before getting started with the book

build robust modern web applications using net 5 entity framework core and angular 11 key featuresupdated with the latest features and additions in asp net core 5 and angular 11design build and deploy a single page application or progressive appadopt a full stack approach to handle data management apis application design testing seo security and deploymentbook description learning full stack development calls for knowledge of both front end and back end web development asp net core 5 and angular fourth edition will enhance your ability to create debug and deploy efficient web applications using asp net core and angular this revised edition includes coverage of the angular routing module expanded discussion on the angular cli and detailed instructions for deploying apps on azure as well as both windows and linux taking care to explain and challenge design choices made throughout the text valerio teaches you how to build a data model with entity framework core alongside utilizing the entity core fluent api and entitytypeconfiguration class you ll learn how to fetch and display data and handle user input with angular reactive forms and front end and back end validators for maximum effect later you will perform advanced debugging and explore the unit testing features provided by xunit net net 5 and jasmine as well as karma for angular after adding authentication and authorization to your apps you will explore progressive web applications pwas learning about their technical requirements testing and converting swas to pwas by the end of this book you will understand

how to tie together the front end and back end to build and deploy secure and robust web applications what you will learnimplement a web api interface with asp net core and consume it with angular using rxjs observablesset up an sql database server using a local instance or a cloud data storeperform c and typescript debugging using visual studio 2019create tdd and bdd unit tests using xunit jasmine and karmaperform dbms structured logging using third party providers such as serilogdeploy web apps to windows and linux web servers or azure app service using iis kestrel and nginxwho this book is for this book is for experienced asp net developers who already possess some familiarity with asp net core and angular and are looking to learn how to use them effectively together the fully documented code samples also available on github and the step by step implementation tutorials make this book easy to follow

visual studio 2017 updates for this book are now available follow the download source code link for this book on the apress website now in its 6th edition the best selling book on mvc is now updated for asp net core mvc it contains detailed explanations of the new core mvc functionality which enables developers to produce leaner cloud optimized and mobile ready applications for the net platform this book puts asp net core mvc into context and dives deep into the tools and techniques required to build modern cloud optimized extensible web applications all the new mvc features are described in detail and the author explains how best to apply them to both new and existing projects the asp net core mvc framework is the latest evolution of microsoft s asp net web platform built on a completely new foundation it represents a fundamental change to how microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such asforms asp net core mvc provides a host agnostic framework and a high productivity programming model that promotes cleaner code architecture test driven development and powerful extensibility best selling author adam freeman has thoroughly revised this market leading book and explains how to get the most from asp net core mvc he starts with the nuts and bolts and shows you everything through to advanced features going in depth to give you the knowledge you need this book follows the same format and style as the popular previous editions but brings everything up to date for the new asp net core mvc release it presents a fully worked case study of a functioning asp net mvc application that readers can use as a

template for their own projects what you will learn gain a solid architectural understanding of asp net core mvc explore the entire asp net mvc framework as a cohesive whole seehow mvc and test driven development work in action learn what s new in asp net core mvc and how best to apply these new features to your own work see how to create restful web services and single page applications build on your existing knowledge of previous mvc releases to get up and running with the new programming model quickly and effectively who this book is for this book is for web developers with a basic knowledge of asp net and c who want to incorporate the latest improvements and functionality in the new asp net core mvc framework

design build and deploy robust web applications using asp net 6 angular 13 and entity framework core key featuresthe most up to date book that covers cutting edge features released in asp net core 6 and angular 13create a production ready single page application spa or progressive application pwa adopt a full stack approach to handle data management api documentation apis end to end testing security and deploymentbook description every full stack ninja needs the tools to operate on front end and back end application development this web app development book takes a hands on project based approach to provide you with all the tools and techniques that web developers need to create debug and deploy efficient web applications using asp net core and angular the fifth edition has been updated to cover advanced topics such as minimal apis apis with graphql real time updates with signalr and new features in net 6 and angular 13 you begin by building a data model with entity framework core alongside utilizing the entity core fluent api and entitytypeconfiguration class you ll learn how to fetch and display data and handle user input with angular reactive forms and front end and back end validators for maximum effect later you will perform advanced debugging and explore the unit testing features provided by xunit net net 6 and jasmine as well as karma for angular after adding authentication and authorization to your apps you will explore progressive web applications learning about their technical requirements testing processes and how to convert a standard web application to a pwa by the end of this web development book you will understand how to tie together the front end and back end to build and deploy secure and robust web applications what you will learnuse the new visual studio standalone typescript angular templateimplement and consume a api interface with asp net coreset up an sql database server using a

local instance or a cloud datastoreperform c and typescript debugging using visual studio 2022create tdd and bdd unit tests using xunit jasmine and karmaperform dbms structured logging using providers such as serilogdeploy web apps to azure app service using iis kestrel and nginxlearn to develop fast and flexible apis using graphqladd real time capabilities to angular apps with asp net core signalrwho this book is for this book is for experienced asp net developers who already possess some familiarity with asp net core and angular and are looking to learn how to use them effectively together the fully documented code samples also available on github and the step by step implementation tutorials make this book easy to follow

building apis with asp net core is a practical beginner s guide to creating your first web apis using asp net core in it you ll develop an api that feeds web based services including websites and mobile apps for a board games application the book is cleverly structured to mirror a real world development project with each chapter introducing a new feature request you ll build your api with an ecosystem of asp net core tools that help simplify everything from setting up your data model to generating documentation

nach über zwei jahren öffentlicher entwicklung erschienen ende juni 2016 net core 1 0 nebst asp net core 1 0 und entity framework core 1 0 dieser shortcut bietet einen ersten einstieg in die entwicklung mit net core 1 0 nach einer einführung im ersten kapitel widmen sich die autoren in den kapiteln 2 und den apis sowie mvc webanwendungen mit asp net core das erst mitte november 2016 erschienene net core update auf 1 1 ist gegenstand des letzten kapitels

asp net core internet e bağlı uygulamalar oluşturmaya yönelik cross platform yüksek performanslı ve açık kaynaklı bir framework tür net framework ise net core a taşınması ile beraber net yapısı tamamen modüler bir yapıya dönüştü net içerisinde yer alan birçok özellik core dan çıkarılıp modüler bir şekilde enjekte edilerek kullanıldı bu net core a performans konusunda oldukça ivme kazandırdı net ekosistemini tamamen etkileyen cross platform ve open source kavramlarıyla bambaşka bir pencere açan net core yazılım dünyasında çok farklı noktalara geldi birçok platformda geliştirme yapmaya

olanak sağlaması açık kaynak olarak geliştirilebilmesi flexible deployment ve cli gibi artılarıyla çok fazla ilgi odağı hâline gelmiş durumda bu kitapla beraber asp net core un bütün detaylarını ve bu aşamaların süreçlerini görmüş olacaksınız net core asp net core net core cli dependency injection service lifetime autofac inversion of control ioc built in ioc container middleware run use map custom middleware environment variable bundler minifier ve gulp asp net core exception error handling asp net core json yapılandırma hsts ihttpclientfactory ilogger asp net core response caching asp net core in memory caching redis distributed caching ncache distributed caching asp net core identity asp net core mvc net 5 yenilikleri net 5 http3 asp net core ve vuejs entity framework core connection resiliency dbcontext pooling asp net core hosted services system text json net core channels net core iasyncdisposable net core object pooling open redirect attack process

learn how to secure your asp net core web app through robust and secure code key featuresdiscover the different types of security weaknesses in asp net core web applications and learn how to fix themunderstand what code makes an asp net core web app unsafebuild your secure coding knowledge by following straightforward recipesbook description asp net core developers are often presented with security test results showing the vulnerabilities found in their web apps while the report may provide some high level fix suggestions it does not specify the exact steps that you need to take to resolve or fix weaknesses discovered by these tests in asp net secure coding cookbook you ll start by learning the fundamental concepts of secure coding and then gradually progress to identifying common web app vulnerabilities in code as you progress you ll cover recipes for fixing security misconfigurations in asp net core web apps the book further demonstrates how you can resolve different types of cross site scripting a dedicated section also takes you through fixing miscellaneous vulnerabilities that are no longer in the owasp top 10 list this book features a recipe style format with each recipe containing sample unsecure code that presents the problem and corresponding solutions to eliminate the security bug you ll be able to follow along with each step of the exercise and use the accompanying sample asp net core solution to practice writing secure code by the end of this book you ll be able to identify unsecure code causing different security flaws in asp net core web apps and you ll have gained hands on experience in removing vulnerabilities and security defects from your code what you will

learnunderstand techniques for squashing an asp net core web app security bugdiscover different types of injection attacks and understand how you can prevent this vulnerability from being exploitedfix security issues in code relating to broken authentication and authorizationeliminate the risks of sensitive data exposure by getting up to speed with numerous protection techniquesprevent security misconfiguration by enabling asp net core web application security featuresexplore other asp net web application vulnerabilities and secure coding best practiceswho this book is for this asp net core book is for intermediate level asp net core web developers and software engineers who use the framework to develop web applications and are looking to focus on their security using coding best practices the book is also for application security engineers analysts and specialists who want to know more about securing asp net core using code and understand how to resolve issues identified by the security tests they perform daily

build fully functional cloud ready and professional web applications using the latest features in the net 5 framework and react js with microsoft azure key featuresexplore the new features of net 5 with this updated edition of asp net core 5 and reactdiscover strategies for adopting a full stack development approach clean architecture techniques and development best practiceslearn how to manage data design and package applications and secure your web appsbook description microsoft s net framework is a robust server side framework now even more powerful thanks to the recent unification of the microsoft ecosystem with the net 5 framework this updated second edition addresses these changes in the net framework and the latest release of react the book starts by taking you through react and typescript components for building an intuitive single page application and then shows you how to design scalable rest apis that can integrate with a react based frontend next you ll get to grips with the latest features popular patterns and tools available in the react ecosystem including function based components react router and redux as you progress through the chapters you ll learn how to use react with typescript to make the frontend robust and maintainable and cover key asp net 5 features such as api controllers attribute routing and model binding to build a sturdy backend in addition to this you ll explore api security with asp net 5 identity and authorization policies and write reliable unit tests using both net and react before deploying your app on azure by the end of

this book you ll have gained the knowledge you need to enhance your c and javascript skills and build full stack production ready applications with asp net 5 and react what you will learnbuild restful apis with net 5 using api controllerssecure rest apis with identity and authorization policiescreate strongly typed interactive and function based react components using hooksunderstand how to style react components using emotion jsperform client side state management with reduxrun a range of automated tests on the frontend and backendimplement continuous integration and continuous delivery ci cd processes in azure using azure devopswho this book is for if you re a web developer looking to get up to speed with full stack web application development with net core and react this book is for you although the book does not assume any knowledge of react a basic understanding of net core will help you to get to grips with the concepts covered

build professional grade full stack web applications using c and asp net core in asp net core in action third edition you ll learn how to build minimal apis for serving json to client side applications create dynamic server side rendered applications using razor pages user authentication and authorization store data using entity framework core unit and integration tests for asp net core applications write custom middleware and components fully updated to asp net core 7 0 in asp net core in action third edition microsoft mvp andrew lock teaches you how you can use your c and net skills to build amazing cross platform web applications this revised bestseller reveals the latest net patterns including minimal apis and minimal hosting even if you ve never worked with asp net you ll start creating productive cross platform web apps fast illustrations and annotated code make learning visual and easy about the technology the asp net core web framework delivers everything you need to build professional quality web applications with productivity boosting libraries for server side rendering secure apis easy data access and more you ll spend your time implementing features instead of researching syntax and tracking down bugs this book is your guide about the book asp net core in action third edition shows you how to create production grade web applications with asp net core 7 0 you ll learn from hands on examples insightful illustrations and nicely explained code updated coverage in this third edition includes creating minimal apis securing apis with bearer tokens webapplicationbuilder and more about the reader for beginning to intermediate web developers examples are in c about the author andrew lock is

a microsoft mvp who has worked with asp net core since before its first release table of contents 1 getting started with asp net core 2 understanding asp net core 3 your first application 4 handling requests with the middleware pipeline 5 creating a json api with minimal apis 6 mapping urls to endpoints using routing 7 model binding and validation in minimal apis 8 an introduction to dependency injection 9 registering services with dependency injection 10 configuring an asp net core application 11 documenting apis with openapi 12 saving data with entity framework core 13 creating a website with razor pages 14 mapping urls to razor pages using routing 15 generating responses with page handlers in razor pages 16 binding and validating requests with razor pages 17 rendering html using razor views 18 building forms with tag helpers 19 creating a website with mvc controllers 20 creating an http api using web api controllers 21 the mvc and razor pages filter pipeline 22 creating custom mvc and razor page filters 23 authentication adding users to your application with identity 24 authorization securing your application 25 authentication and authorization for apis 26 monitoring and troubleshooting errors with logging 27 publishing and deploying your application 28 adding https to an application 29 improving your application s security 30 building asp net core apps with the generic host and startup 31 advanced configuration of asp net core 32 building custom mvc and razor pages components 33 calling remote apis with ihttpclientfactory 34 building background tasks and services 35 testing applications with xunit 36 testing asp net core applications

explore hidden behaviors and customization techniques to help you get the most out of asp net core for building web applications key featuressecond edition updated and enhanced to cover the latest net 6 features and changeslearn expert techniques to implement authentication and authorization for securing your web appsdiscover best practices for configuring asp net core from user interface design to hosting it on platformsbook description asp net core comes packed full of hidden features for building sophisticated web applications you d be missing out on a lot of its capabilities by not customizing it to work for your applications with customizing asp net core 6 0 you ll discover techniques to help you get the most out of the framework to deliver robust applications in this updated second edition you ll cover the latest features and changes in the net 6 lts version you ll find new insights and customization techniques for important topics such as authentication and

authorization the book will also show you how to work with caches and change the default behavior of asp net core apps you ll learn essential concepts relating to optimizing the framework such as configuration dependency injection routing action filters and more as you progress you ll be able to create custom solutions that meet the needs of your use case with asp net core later chapters will cover expert techniques and best practices for using the framework for your app development needs from ui design to hosting finally you ll focus on the new endpoint routing in asp net core to build custom endpoints and add third party endpoints to your web apps for processing requests faster by the end of this book you ll be able to customize asp net core to develop robust optimized apps what you will learnexplore various application configurations and providers in asp net core 6enable and work with caches to improve the performance of your applicationunderstand dependency injection in net and learn how to add third party di containersdiscover the concept of middleware and write your middleware for asp net core appscreate various api output formats in your api driven projectsget familiar with different hosting models for your asp net core appwho this book is for this net 6 book is for net developers who need to change the default behaviors of the framework to help improve the performance of their applications intermediate level knowledge of asp net core and c is required before getting started with the book

microsoft hat sein net framework quasi neu erfunden und crossplattform fähig gemacht mit asp net core erstellte webanwendungen sind auch unter linux und mac os x lauffähig schritt für schritt legen sie in diesem video training ein mvc projekt an und füllen es nach und nach mit leben lernen die razor syntax kennen und arbeiten mit einer datenbank am ende sind sie in der lage eigene anwendungen auf basis von asp net core und mvc umzusetzen

develop web api applications using design patterns advanced customization and cutting edge technologies such as signalr grpc and graphql while leveraging powerful cloud platforms and tools to accelerate development key features gain proficiency in building modern asp net core web api applications develop the skills to effectively test debug and secure your web api applications streamline development workflows and boost productivity with cloud computing platforms and industry

standard ci cd tools purchase of the print or kindle book includes a free pdf ebook book descriptionapi applications have become increasingly significant in recent years fueled by the ever accelerating pace of technological advancements however with this rapid evolution comes the need to create web api apps that are not only functional but also adaptable maintainable and scalable to meet the demands of users and businesses alike this book draws from the author s immense technical expertise and decades of experience in software development to help you address this challenge head on equipping you with the knowledge and skills required to develop web api apps from scratch by providing a deeper understanding of the various protocols implemented by asp net core including restful signalr websocket grpc and graphql supplemented by practical examples and optimization techniques such as using middleware testing caching and logging this book offers invaluable insights for both newcomers as well as seasoned developers to meet modern web development requirements additionally you ll discover how to use cloud platforms such as azure and azure devops to enhance the development and operational aspects of your application by the end of this book you ll be fully prepared to undertake enterprise grade web api projects with confidence harnessing the latest advancements in asp net core 8 to drive innovation what you will learn build a strong foundation in web api fundamentals explore the asp net core 8 framework and other industry standard libraries and tools for high performance scalable web apis apply essential software design patterns such as mvc dependency injection and the repository pattern use entity framework core for database operations and complex query creation implement robust security measures to protect against malicious attacks and data breaches deploy your application to the cloud using azure and leverage azure devops to implement ci cd who this book is for this book is for developers who want to learn how to build web apis with asp net core and create flexible maintainable scalable applications with net platform basic knowledge of c net and git will assist with understanding the concepts more easily

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