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code for most web sites mostly runs on the server when a user clicks on a link the site reacts slowly because the browser sends information to the server and the server sends it back again before displaying the results with near universal availability of capable browsers and powerful hardware the single page web application spa pushes most of the code to the browser giving users immediate results whether they re surfing at their desk or using a phone app single page applications shows how to build modern browser based apps that take advantage of stronger client

platforms and more predictable bandwidth it covers the spa design approach and explores new techniques like structured javascript and responsive design readers will learn to capitalize on trends like server side javascript and nosql data stores as well as new frameworks that make javascript more manageable and testable as a first class language audience this book is for web developers architects and product managers who know about javascript html css and web development basics about the technology a single page application spa is an application delivered to the browser that does not reload the page during use

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ai features debug ai systems using dedicated unreal engine debugging tools extend the ai system with custom nodes and functions understand how to cope with the ai system by employing blueprints and or c create games that focus on tactics motion and more who this book is for this book is for game programmers as well as unreal engine developers with little to no knowledge of ai systems in video games who want to explore this topic in depth developers who are proficient in other game engines and are interested in understanding the principles of the unreal ai framework will also benefit from this book you ll need basic knowledge of unreal engine and c and a strong passion for game development to get the most out of this book

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make the most of the asp net core platform to create robust high quality solutions using approaches adopted by leading companies key features create robust web based solutions optimized for continuous delivery using key cloud computing principles and practices explore advanced concepts and techniques to create resilient and secure applications adopt a cloud native mindset to build applications leveraging docker ci cd and more purchase of the print or kindle book includes a free pdf ebook book description build cutting edge web applications using asp net core 9 with this comprehensive guide from microsoft mvp albert tanure a seasoned net expert with over 20 years of experience as a cloud solutions architect albert brings unparalleled expertise in building modern web applications to asp net core 9 essentials to help you kickstart your journey on the right foot starting with the platform s fundamental concepts you ll work through practical exercises to develop web applications with powerful ui frameworks deliver flexible and scalable solutions through an api approach and explore advanced topics such as customizing request flows and implementing robust security measures you ll get to grips with cloud native practices to prepare your applications for cloud environments whether you re a beginner or an experienced developer this book is your guide to building modern secure and adaptable web applications with asp net core by the end you ll have the skills to create professional web applications that are scalable resilient and secure what you will learn deliver ui solutions using client side server side and hybrid model approaches with razor pages mvc and blazor implement real time solutions and manage data streaming using signalr connect applications to a data persistence model using entity framework and dapper apply logging and monitoring strategies to maintain control over your applications understand how net aspire enhances your experience of building net cloud native apps

who this book is for this book is for web developers and software engineers who want to build modern web applications using asp net core it s ideal for those working on both frontend and backend development if you re familiar with c or java and have basic experience with html and css you ll benefit the most whether you re a beginner exploring asp net core or an experienced developer looking to advance your skills this book is tailored for you

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the 2013 plan serves as a roadmap of the faa s ongoing transition to nextgen and provides an overview of the benefits aircraft operators and passengers are receiving from recent nextgen improvements nextgen is the shift to smarter satellite based and digital technologies and new procedures to make air travel more convenient predictable and environmentally friendly highlights of the plan include the latest on metroplex initiatives performance based navigation growth automatic dependent surveillance broadcast deployments surface collaboration and plans for future benefits the plan devotes an entire chapter to general aviation and recognizes the growing role of this important stakeholder

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