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Michael Howard and David LeBlanc

Writing Secure Code 2nd Edition Developer Best Practices

Michael Howard, David LeBlanc



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Writing Secure Code Michael Howard, David LeBlanc, 2003 Howard and LeBlanc both are security experts with Microsoft discuss the need for security and outline its general principles before outlining secure coding techniques Testing installation documentation and error messages are also covered Appendices discuss dangerous APIs dismiss pathetic excuses and provide security checklists The book explains how systems can be attacked uses anecdotes to illustrate common mistakes and offers advice on making systems secure Annotation copyrighted by Book News Inc Portland OR [Writing Secure Code](#) Microsoft Press, Michael Howard, 2002-10-11 Discover the best practices for writing secure code and stopping malicious hackers in their tracks direct from the top security experts at Microsoft Keep black hat hackers at bay with the tips and techniques in this entertaining eye opening book Developers will learn how to padlock their applications throughout the entire development process from designing secure applications to writing robust code that can withstand repeated attacks to testing applications for security flaws Short easily digested chapters reveal proven principles strategies and coding techniques The authors two battle scarred veterans who have solved some of the industry s toughest security problems provide sample code in several languages This edition includes updated information about threat modeling designing a security process international issues file system issues adding privacy to applications and performing security code reviews It also includes enhanced coverage of buffer overruns Microsoft R NET security and Microsoft ActiveX R development plus practical checklists for developers testers and program managers **ASP.NET Core 5 Secure Coding Cookbook** Roman Canlas, Ed Price, 2021-07-16 Learn how to secure your ASP NET Core web app through robust and secure code Key Features Discover the different types of security weaknesses in ASP NET Core web applications and learn how to fix them Understand what code makes an ASP NET Core web app unsafe Build your secure coding knowledge by following straightforward recipes Book 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 insecure 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 insecure 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 learn Understand techniques for squashing an ASP NET Core web app security bug Discover different types of injection attacks and understand how you can prevent this vulnerability from being exploited Fix security issues in code relating to broken authentication and authorization Eliminate the risks of sensitive data exposure by getting up to speed with numerous protection techniques Prevent security misconfiguration by enabling ASP NET Core web application security features Explore other ASP NET web application vulnerabilities and secure coding best practices Who 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

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Table of Contents Writing Secure Code 2nd Edition Developer Best Practices

1. Understanding the eBook Writing Secure Code 2nd Edition Developer Best Practices
 - The Rise of Digital Reading Writing Secure Code 2nd Edition Developer Best Practices
 - Advantages of eBooks Over Traditional Books
2. Identifying Writing Secure Code 2nd Edition Developer Best Practices
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Writing Secure Code 2nd Edition Developer Best Practices
 - User-Friendly Interface
4. Exploring eBook Recommendations from Writing Secure Code 2nd Edition Developer Best Practices
 - Personalized Recommendations
 - Writing Secure Code 2nd Edition Developer Best Practices User Reviews and Ratings
 - Writing Secure Code 2nd Edition Developer Best Practices and Bestseller Lists
5. Accessing Writing Secure Code 2nd Edition Developer Best Practices Free and Paid eBooks
 - Writing Secure Code 2nd Edition Developer Best Practices Public Domain eBooks
 - Writing Secure Code 2nd Edition Developer Best Practices eBook Subscription Services

- Writing Secure Code 2nd Edition Developer Best Practices Budget-Friendly Options
- 6. Navigating Writing Secure Code 2nd Edition Developer Best Practices eBook Formats
 - ePub, PDF, MOBI, and More
 - Writing Secure Code 2nd Edition Developer Best Practices Compatibility with Devices
 - Writing Secure Code 2nd Edition Developer Best Practices Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Writing Secure Code 2nd Edition Developer Best Practices
 - Highlighting and Note-Taking Writing Secure Code 2nd Edition Developer Best Practices
 - Interactive Elements Writing Secure Code 2nd Edition Developer Best Practices
- 8. Staying Engaged with Writing Secure Code 2nd Edition Developer Best Practices
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Writing Secure Code 2nd Edition Developer Best Practices
- 9. Balancing eBooks and Physical Books Writing Secure Code 2nd Edition Developer Best Practices
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Writing Secure Code 2nd Edition Developer Best Practices
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Writing Secure Code 2nd Edition Developer Best Practices
 - Setting Reading Goals Writing Secure Code 2nd Edition Developer Best Practices
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Writing Secure Code 2nd Edition Developer Best Practices
 - Fact-Checking eBook Content of Writing Secure Code 2nd Edition Developer Best Practices
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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