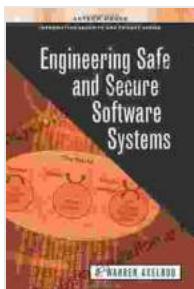


# Engineering Secure Software and Systems

## The Definitive Guide to Security in the Software Development Lifecycle

Software security is a critical concern for businesses of all sizes. In today's interconnected world, a single security breach can have devastating consequences, costing businesses millions of dollars and damaging their reputation.

Engineering Secure Software and Systems is the definitive guide to security in the software development lifecycle. Written by a team of leading security experts, this book provides a comprehensive overview of the security challenges facing software developers today, and offers practical guidance on how to build secure software.



### Engineering Secure Software and Systems: 8th International Symposium, ESSoS 2024, London, UK, April 6-8, 2024. Proceedings (Lecture Notes in Computer Science Book 9639)

5 out of 5

Language : English

File size : 8914 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 280 pages

Screen Reader : Supported

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This book covers a wide range of topics, including:

- Security requirements gathering and analysis
- Secure software design and architecture
- Secure coding practices
- Security testing and evaluation
- Security incident response

Engineering Secure Software and Systems is an essential resource for software developers, security engineers, and anyone else who is involved in the software development process. This book will help you to understand the security risks facing software systems, and will provide you with the knowledge and skills you need to build secure software.

## **What You Will Learn**

- The security challenges facing software developers today
- How to gather and analyze security requirements
- How to design and architect secure software systems
- How to write secure code
- How to test and evaluate software security
- How to respond to security incidents

## **Who This Book Is For**

This book is for software developers, security engineers, and anyone else who is involved in the software development process. This book is also a

valuable resource for students who are studying software security or computer science.

## About the Authors

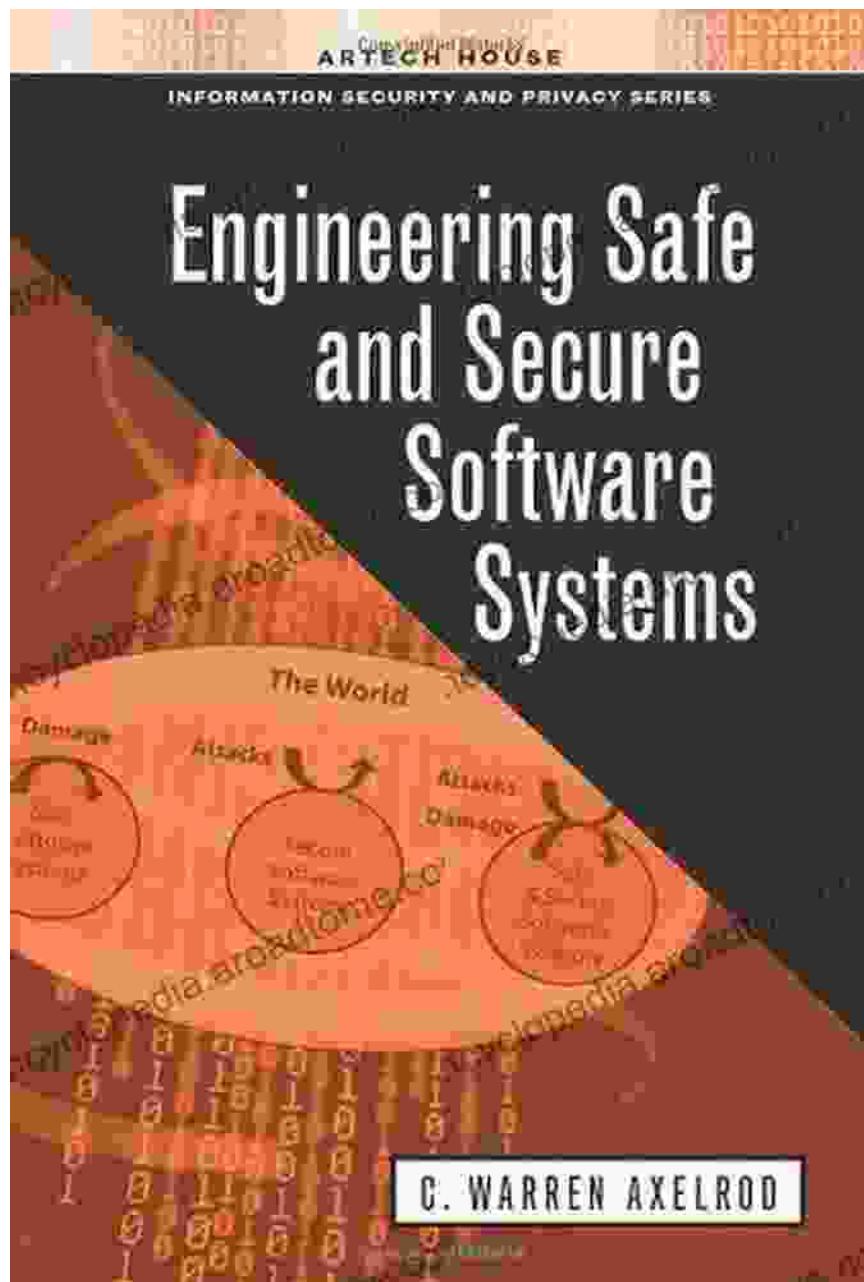
The authors of Engineering Secure Software and Systems are a team of leading security experts with decades of experience in the field. They have worked on some of the most critical security projects in the world, and they have a deep understanding of the security challenges facing software developers today.

The authors are:

- Dr. Gary McGraw, CTO of Digital
- Dr. Ed Felten, Professor of Computer Science and Public Affairs at Princeton University
- Dr. Keith Stanovich, Professor of Computer Science at Carnegie Mellon University

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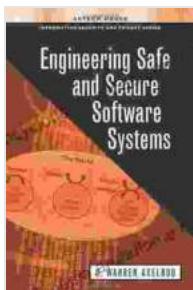
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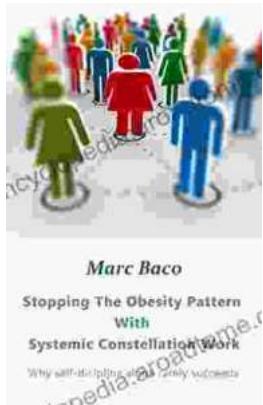
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