

Integrating the Internet of Things Into Software Engineering Practices

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

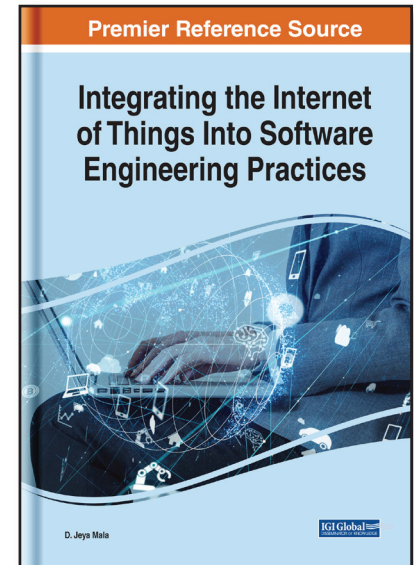
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Description:

To provide the necessary security and quality assurance activities into Internet of Things (IoT)-based software development, innovative engineering practices are vital. They must be given an even higher level of importance than most other events in the field.

Integrating the Internet of Things Into Software Engineering

Practices provides research on the integration of IoT into the software development life cycle (SDLC) in terms of requirements management, analysis, design, coding, and testing, and provides security and quality assurance activities to IoT-based software development. The content within this publication covers agile software, language specification, and collaborative software and is designed for analysts, security experts, IoT software programmers, computer and software engineers, students, professionals, and researchers.



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Topics Covered:

- Agile Software
- Coding Standards
- Collaborative Software
- Language Specification
- Machine Learning
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- Security Assessment
- Software Architecture
- System Testing
- Web-Based Development

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