Java and Web Application Security Master Course

🌐 Eğitim Tipi: **Clasroom**

🕐 Süre: **5 Day**

Eğitim Hakkında

As a developer, your duty is to write bulletproof code.

What if we told you that despite all of your efforts, the code you have been writing your entire career is full of weaknesses you never knew existed? What if, as you are reading this, hackers were trying to break into your code?

This advanced level course will change the way you look at code. Java and Web Application Security Master course training during which we will teach you all of the attackers' tricks and how to mitigate them.

Önkoşullar

There are no prerequisites for this course.

Kimler Katılmalı

Java EE developers, software architects and testers.

Neler Öğreneceksiniz

- Understand basic concepts of security, IT security and secure coding
- Learn Web vulnerabilities beyond OWASP Top Ten and know how to avoid them
- Learn about XML security
- Learn client-side vulnerabilities and secure coding practices
- Have a practical understanding of cryptography
- Learn to use various security features of the Java development environment
- Learn about typical coding mistakes and how to avoid them
- Get information about some recent vulnerabilities in the Java framework
- Understand security concepts of Web services
- Learn about JSON security
- Learn about Hibernate security
- Understand security solutions of Java EE
- Learn about JSF and PrimeFaces security
- Learn about Spring security
- Learn about denial of service attacks and protections
- Get practical knowledge in using security testing techniques and tools
- Get sources and further readings on secure coding practices

Eğitim İçeriği

- IT security and secure coding
- Web application security (OWASP Top Ten 2017)
- Client-side security
- Practical cryptography
- Java security services
- Foundations of Java security
- Secure communication in Java
- Common coding errors and vulnerabilities

- Security of Web services
- Hibernate security
- Java EE security
- JSF and PrimeFaces security
- Spring security
- Denial of service
- Security testing techniques and tools
- Principles of security and secure coding
- Knowledge sources