

Secure Coding For Banking and Finance

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **3 Days**

Overview

"Money makes the world go round...." – remember? And yes: it is your responsibility to secure all that. As a fintech company you have to take up the challenge, and beat the bad guys with bomb-proof, secure applications!

If there is a domain where security is critical, it is definitely fintech. Vulnerability is not an option if you want to stay a trusted and reliable vendor with systems and applications that certainly comply with PCI-DSS requirements. You need devoted secure coders with high-level professional attitude and developers eager to fight all coding problems: yes, you need a skilled team of software engineers.

Want to know why? Even though IT security best practices are widely available, 90% of security incidents stem from common vulnerabilities as a result of ignorance and malpractice. So, you better keep loaded in all possible ways with up to date knowledge about secure coding.

We offer a training program exclusively targeting engineers developing applications for the banking and finance sector. Our dedicated trainers share their experience and expertise through hands-on labs, and give real-life case studies from the banking industry – engaging participants in hacking fun to reveal all consequences of insecure coding.

Prerequisites

There are no prerequisites for this course.

Who Should Attend

Developers working in the banking and finance sector.

What You Will Learn

- Understand basic concepts of security, IT security and secure coding
- Understand special threats in the banking and finance sector
- Understand regulations and standards
- 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
- Learn about JSON security
- Learn about denial of service attacks and protections
- Have a practical understanding of cryptography
- Understand essential security protocols
- Get sources and further readings on secure coding practices

Outline

- IT security and secure coding
- Special threats in the banking and finance sector
- Regulations and standards
- Web application security (OWASP Top Ten 2017)
- Client-side security
- XML security
- JSON security
- Denial of service
- Practical cryptography
- Security protocols

- Principles of security and secure coding
- Knowledge sources