

# Secure Coding For Banking and Finance

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

Duration: **3 Day**

<https://bilginc.com/en/training/secure-coding-for-banking-and-finance-317-training/>

## **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