Web Application Security

Webinar

by Bjoern Kimminich

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Course Material

https://github.com/bkimminich/it-security-lecture/tree/webinar

Curriculum

1. ○ Motivation
   ○ Open Web Application Security Project (OWASP)
2. XSS
3. Injection
4. Authentication Flaws
5. Authorization Flaws
6. Sensitive Data
7. Insecure Dependencies & Configuration
8. XXE & Deserialization
9. Secure Development Lifecycle

Recommended Resources

- Berkley Information Security and Policy - Best Practices & How-To Articles

Optional Literature Recommendations

- Andress: The Basics of Information Security (2nd Edition), 2014
- Shostack: Threat Modeling: Designing for Security, 2014
- Paar/Pelzl: Understanding Cryptography: A Textbook for Students and Practitioners, 2010
  - Introduction to Cryptography by Christof Paar (24 recorded lectures)