

Application Security Best Practices

- **OWASP Top Ten Vulnerabilities:**

- Injection
- Broken Authentication and Session Management
- Sensitive Data Exposure
- XML External Entities (XXE)
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- Broken Access Control
- Security Misconfiguration
- Cross-Site Scripting (XSS)
- Insecure Deserialization
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- Using Components with Known Vulnerabilities
- Insufficient Logging & Monitoring
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- **Mitigation Strategies:**

- Input validation and sanitization
- Secure authentication and authorization mechanisms
- Encryption of sensitive data
- Regular security assessments and penetration testing
- Secure coding practices