

Example of Software Security Engineer Job Description

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Our growing company is searching for experienced candidates for the position of software security engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for software security engineer

- Develop, document and implement test cases for web applications, web service applications and service oriented architectures
- Web, mobile and IoT penetration testing
- Network\Wi-Fi\Bluetooth penetration testing to include vulnerability exploitation and pivoting to gain remote system access
- Engage other departments by demonstrating results
- Work with development teams to ensure they are provided assessment results in a format which best suits their needs
- Interface with development teams to ensure the remediation of identified vulnerabilities is handled in a timely manner
- Work with leadership and core teams to help identify and assist in balancing scope, time and costs
- Secure Development Lifecycle advisory
- Respond to security vulnerabilities, serve as an advocate for security within development teams
- Pair with mobile, frontend, and backend teams to architect and develop features in a secure, and scalable manner

Qualifications for software security engineer

- Experience with OWASP Top 10, CWE / SANS Top 25, or similar secure

- Working knowledge of LDAP, PKI, SAML, SSO, OATH, and session management
- Able to learn quickly in a dynamic environment
- LINUX proficiency for debugging and developing application
- Comfortable working in Windows and UNIX environments
- Solid understanding of enterprise security fundamentals