[Software Security Engineer Job Description](#)

SOFTWARE SECURITY ENGINEER RESPONSIBILITIES INCLUDE:

- Implementing, testing and operating advanced software security techniques in compliance with technical reference architecture
- Performing on-going security testing and code review to improve software security
- Troubleshooting and debugging issues that arise

JOB BRIEF

We are looking for a skilled Security Engineer to analyze software designs and implementations from a security perspective, and identify and resolve security issues. You will include the appropriate security analysis, defences and countermeasures at each phase of the software development lifecycle, to result in robust and reliable software.

RESPONSIBILITIES

- Implement, test and operate advanced software security techniques in compliance with technical reference architecture
- Perform on-going security testing and code review to improve software security
- Troubleshoot and debug issues that arise
- Provide engineering designs for new software solutions to help mitigate security vulnerabilities
- Contribute to all levels of the architecture
- Maintain technical documentation
- Consult team members on secure coding practices
- Develop a familiarity with new tools and best practices

REQUIREMENTS

- Proven work experience as a software security engineer
- Detailed technical knowledge of techniques, standards and state-of-the art capabilities for authentication and authorization, applied cryptography, security vulnerabilities and remediation
- Software development experience in one of the following core languages: Ruby on Rails, Java, Javascript and .NET

- Adequate knowledge of web related technologies (Web applications, Web Services and Service Oriented Architectures) and of network/web related protocols
- Interest in all aspects of security research and development
- BS degree in Computer Science or related field

SOURCE: https://resources.workable.com/software-security-engineer-job-description