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# Example of Senior Application Security Engineer Job Description

Our company is looking for a senior application 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 senior application security engineer

* Performs application security assessments and remediation activities as part of the application security program and ensures application teams adhere to the SDL Framework
* Guides and performs security activities including penetration testing and vulnerability analysis, code review, static and dynamic testing, and ethical hacking
* Participate as a key member in security incident response activities
* Consult with development teams on systems architecture and design security
* Conduct vulnerability and application penetration testing and static code scanning to evaluate potential security weaknesses and manage resulting issues requiring remediation
* Mentor software development teams in remediation of identified security weaknesses
* Review and evaluate the security impact of proposed changes to software systems
* Threat model application architecture, identify required control points in the application, and provide software and solutions design direction
* Research and stay abreast of the latest threats
* Evangelize security and secure development practices

## Qualifications for senior application security engineer

* Experience with application security testing using tools such as Checkmarx, Veracode, Fortify, WhiteHat
* Effectively communicating security issues with developers
* Strong application security fundamentals
* Hardening procedures for Microsoft Windows and Linux
* Detailed technical knowledge of application, database and operating system security
* Hands on experience in Cloud based technologies (AWS, AZURE)