Example of Application Security Engineer Job Description

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Our growing company is looking to fill the role of 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 application security engineer

- Support the scoping and rules of engagement of our penetration testing regime
- Help develop and deliver training around secure development lifecycle and secure coding practice
- Maintain and support application security tools, including static and dynamic security analysis solutions, and develop related documentation
- Participate in the development of process documentation
- Exercises judgment within defined procedures/practices to determine appropriate action
- Serving as a core member of an engineering team that designs and develops software applications/packages/components focused on application security
- Working with product team to prioritize features for ongoing sprints and managing a list of technical requirements based on industry trends, new technologies, known defects, and issues
- Agile Product Owner for Security
- Manages and audits the code review process within the SDLC
- Maintain an annual schedule and execute penetration tests against the corporate portfolio of applications

Qualifications for application security engineer

- One year of experience in performing Application Security for Agile environments
- A certification in the field of Information Security such as CISSP, or CISM, or CEH, or GIAC CPEN, or OSCP, or OSWE, or CWAPT, or GWAPT, or GWEB
- Experience implementing, running and maintaining tools and/or processes to reliably identify security issues such as SQLi, XSS, CSRF, and business logic flaws across large code bases (SAST, DAST, PenTesting, Security Unit Testing)
- Knowledgeable regarding browser security controls (CSP, XFO, HSTS,), web application security topics such as OWASP Top 10, and authentication infrastructure (SAML, OAUTH)
- Bachelor's degree in Computer Science, Engineering, Mathematics, or a related discipline