



Example of Senior Security Software Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of senior security software 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 security software engineer

- Automate security testing using a variety of scripting and open source tools
- Develop testing and auditing of Cloud computing, and Big Data platforms
- Advising customers on determining requirements
- Writing use cases and validating acceptance criteria
- Documenting work on projects with conviction
- Highlight risks, assumptions and technical debt in a professional manner
- Creating clean self-documenting code
- Collaborate with immediate team and peer teams to produce reusable software solutions that meet business initiatives and provide consistent design patterns
- Design and implement new features in cryptographic back ends
- Improve and simplify to crypto libraries API to reduce misuse

Qualifications for senior security software engineer

- Internship related to cybersecurity
- Demonstrated knowledge of NIST Cybersecurity standards
- Adequate knowledge of web related technologies (Web applications, Web Services, Service Oriented Architectures) and of network/web related protocols, cloud computing platform experience

- At least 2 years of experience building data pipelines and fit for purpose data stores