



Example of Senior Staff Software Architect Job Description

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Our company is hiring for a senior staff software architect. 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 staff software architect

- Drives innovation among the teams, recognizes innovation, and helps communicate new ideas across teams
- Defines and evangelizes processes related to technology adoption, approvals, selection across all stakeholders
- Drive continuous improvement in standards for software design, development, testing and support
- Interact with and influence customers and security vendors internal teams (mainly ASIC, software, and marketing), to understand and define the scope, requirements, and trade-offs of security solutions for new products
- Support internal teams doing secure development to pass security certifications and meet customer requirements
- Take a leading role in promoting a security-oriented mindset within the organization, and educate teams in secure design and secure programming
- Define and evolve software architectures for the next wave of IoT devices
- Work with customers, marketing, and other stakeholders to understand use-cases and requirements, and translate these into roadmaps, architecture, design, and work breakdown
- Architect, design and implement Network & Security solutions/VPN clients in iOS, Android, Mac & Windows platforms
- Review designs, code, and test cases and provide technical leadership/mentorship to the team

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- Hands-on experience with Agile-scrum methodology and Test driven development
 - Knowledge of advanced networking technologies and services including MPLS, VPLS/VPWS, Ethernet, IP/VPN routing protocols and architectures, IP security/SSL, IP multicast, IPv6, and wired/wireless LAN infrastructures is a strong plus
 - Good understanding of cryptography and its application to security
 - Hands on secure software or hardware development experience in the embedded space
 - Experience deploying a secure product in the market and supporting it with security updates
 - Experience with Trusted Execution Environments, software partitioning, secure boot, renewability, updates