



Example of Lead Security Architect Job Description

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Our company is growing rapidly and is hiring for a lead security architect. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for lead security architect

- Consultation in product architecture related to security strategies for ensuring a competitive and commercially acceptable level of product cyber security assurance
- Participate in program increment / sprint reviews to keep up to date on products in development and how they may relate to or impact organizational risk and overall security
- Serve intermittently as a member of the Product Security Incident Response Team (PSIRT)
- Attend industry training, conferences and roundtable forums (example OWASP AppSec, RSA, Black Hat) to stay up to date on latest technologies, evolving threats and build relationships in the industry to help the organization become a recognized leader in cyber security knowledge
- Oversees the end-to-end architecture and design of connected network systems while ensuring product cyber-security best practices and requirements are maintained
- Owns and drives the development of cyber security requirements across multiple products and platforms ensuring common designs, functionality, and integration with existing and future systems
- Serve as the lead security architect on high risk products and programs providing overall security architectural leadership while indirectly managing and mentoring security champions
- Represent Global Product Security and the overall product cybersecurity program on technical system architectural boards, committees, and review

- Provides direct support to security-related work packages while in development by the architecture and platform teams
- Application Risk Classification

Qualifications for lead security architect

- Expertise in one solution portfolio area (networking, passenger, self-service)
- Candidate must exhibit innovative & analytical thinking, ability to stay in front of cutting edge technologies in areas such as network and communication interfaces, device and equipment integration to full customer systems, and system development technique and tools
- Prior application security program experience a plus
- Requires strong interpersonal, organizational, written and verbal communication skills, ability to influence and guide senior leaders in the business channels, product management and product engineering when required
- Work with third parties to challenge our secure design principles, for example through independent reviews, penetration testing, vulnerability assessment
- Minimum 2 years of experience specifically in design and architecture of secure systems