adaface

Software Security Engineer Job Description template

Software Security Engineer Job Description Template/Brief

We are actively recruiting a Security Engineer to assess our software designs and implementations from a security standpoint to discover and address security concerns. Your responsibilities will involve performing proper security analyses, defences, and countermeasures at each stage of the software development lifecycle to provide robust and dependable software.

You should have a solid technical background and excellent security threat prevention skills. We also want you to be an analytical thinker and an effective team player.

Software Security Engineer Job Profile

Software Security Engineers are in charge of planning, creating, executing, and managing the entire company's software security strategy, which includes various software security testing methodologies and techniques.

Reports To

- Tech Lead
- Chief Technology Officer

Software Security Engineer Responsibilities

- Create and implement innovative security measures per our firm's technological architecture
- Conduct frequent security testing and code reviews to improve software security
- Troubleshoot and debug problems as they emerge
- Keep technical documentation on software security up to date
- Develop engineering concepts to address security flaws in new software solutions
- Ensure software security at all architectural levels
- Maintain current knowledge of the newest software security technologies and sophisticated industry practises
- Assist team members in adhering to secure coding practises

Software Security Engineer Requirements & Skills

- Bachelor's degree in computer science or a related discipline
- Demonstrated job experience as a software security engineer
- Extensive technical understanding of authentication and authorisation methodologies, standards, and cutting-edge capabilities, as well as applied cryptography, security flaws, and remediation
- Software development expertise in one of the main languages listed below: Ruby on Rails, Java, Javascript, and.NET
- Thorough understanding of web-related technologies (Web applications, Web Services, and Service-Oriented Architectures) as well as network/web-related protocols