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# Example of Vulnerability Engineer Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of vulnerability engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for vulnerability engineer

* Analyze security findings, perform root cause analysis, and advise practical remediation
* Program on Linux and Windows system for some creative projects to improve next generation security technology
* Identify internal and external threats that could result in unauthorized disclosure, misuse, alteration or destruction of customer information or customer information systems
* Analyze threat and vulnerability feeds and analyze data for applicability
* Conduct vulnerability assessments, red teaming and penetration testing to identify weaknesses and countermeasures
* Perform attack surface reviews and multilayer defense systems to prevent exploits, detect and intercept attacks, and discover threat agents
* Leverage software tools to aid in the discovery and removal of vulnerabilities in a system
* Work with both external vendors and other SRM groups to coordinate and conduct schedule and ad-hoc testing
* Provide timely vulnerability assessment reports to key stakeholders
* Provide relevant threat intelligence documents to key stakeholders

## Qualifications for vulnerability engineer

* Stay informed of current events in the security industry including the latest exploits and threats, , preventative measures and remediation
* Perform manual validation of findings using tools like OpenSSL, ikescan, Burp
* Experience with Vulnerability management platforms such as Tenable Nessus (preferred), QualysGuard, Tripwire IP360, Rapid 7 Nexpose
* Providing Vulnerability Assessment Scanning and guidance to over 350 customers worldwide using the Tenable Nessus scanning solution
* Experience using automated vulnerability assessment tools (Nessus, Nexpose, Metasploit, Qualys, Qualys, nmap, Burp Suite, Retina, ) manual assessment techniques
* Knowledge of information security industry and regulatory obligations (PCI DSS, SOX, NIST Framework 800 series)