

Job Description

REQ No .	N053/14	Category	Technical
Position Title	Staff Engineer (NR8)	Reports to	Director
Department	Product Quality & Reliability Engineering		

A. Position Purpose & Summary:

The candidate will be involve in testing and management part of the whole Software Development life cycle namely reconnaissance, mapping, discovery, exploitation and source code analysis for both static and dynamic, Software Testing, and Deployment. The focus will be on handling penetration testing project where he/she will be directly involved in the daily operation of the whole department. Managing Test Preparation and Execution, Automation, Metrics Generation and Resource Management.

B. Primary Duties & Responsibilities:

- Hand – on Management of penetration test team.
- Manage and execute penetration testing on project by working closely with the project / application team, and understand project requirement.
- Review and perform analysis on the test result to determine if the application has passed the testing, and ensure they are resolved, retested and test exit criteria are met.
- Ensure engaged project and / or application teams comply with the company's testing processes and standards (CMMi & Six Sigma).
- Create, execute and maintain penetration Test Cases/Script.
- Accountable for assigned project deliverables, including test reporting (test statistics, measurement, etc.) to the reporting manager when required.
- Work with the project / application team to ensure test environment setup is in accordance to the test requirement.
- Capture and track all defect found during testing, and to work with the project/ application team to resolve those defect in a timely manner, and perform regression test after defect resolution.
- Worked on Threat Modelling, SSL/TSL, Digital Signature, Access Control, Auditing Architecture, Application Vulnerabilities (SQL Injection, Cross-Site Scripting, Buffer Overflows, etc.) Public Key Infrastructure (PKI using RSA), Authorization Authentication, Cryptography, Password Protection, State Management (Cookies, Session), Trusted System is a plus.
- Fundamentals in network; Protocols, Layers, Routing, Security is a must.

Position Requirements

C. Academic Qualification:

☐ Phd
 ☒ Master's
 ☒ Degree
 ☐ Diploma

Computer Engineering / Electronic & Electrical Engineering / Information Technology/Computer Science.

☒ Engineering
 ☒ Information Technology
 ☐ Science
 ☐ Marketing / Business

☐ Finance / Management
 ☐ Others (Pls specify) _____

D. Experiences:

☐ Fresh
 ☐ 1 - 3 years
 ☒ 10 years
 ☐ More than 10 years

☒ R&D
 ☒ Information Technology
 ☐ Manufacturing
 ☐ Oil & Gas
 ☐ Finance / Admin

☐ Sales / Marketing
 ☐ Others (Pls specify) _____

E. Technical Skills	F. Soft Skills
Working experience with Python Perl, Ruby or scripting language	Hand on with backtrack, Metasploit, Nessus, and NeXpose
C, C++	Able to write exploit code
PHP	War Driving and WiFi Penetration testing
ASP	Able to work independently
.Net	Able to work under pressure
Java	Expert in Web Security
VB	Good Interpersonal and Communication skill
Database exposure	
Oracle/MySQL	
Linux	
UNIX	
CEH /CISSP /CompTIA Security+	