

Rajeshwar Swarna

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PROFESSIONAL SUMMARY

- ❖ I (Rajeshwar) have 12+ years of IT experience, which includes 10 years in information security domain (vulnerability management). Can strategize, prioritize multiple projects effectively with timeliness and quality.
- ❖ Below are my active certifications in Information security area (certification id's can be shared based on request):
 - ✓ ISACA **CISM** (Certified Information Security Manager),
 - ✓ ISACA **CISA** (Certified Information Systems Auditor).
- ❖ Have knowledge in following information security (vulnerability management) such as DAST (VA for web-apps, mobile-apps, SAP-apps, network, databases, webservices), SAST (source code review), Endpoint security, Audits (ISO, SOX, DP), Security project management, Docker & IoT VA, SAMM (Software assurance maturity model), etc.
- ❖ Quick learner and can work on many vulnerability management tools. 6+ years as information security technical manager (vulnerability management practice).
- ❖ As part of process-improvements, introduced "Qualys continous VM agents on all assets", "Qualys-WAS for web-application security assessment", "mobile applications security assessment (Appscan mobile analyzer and NowSecure)", "database vulnerability assessment (Imperva DAS and Scuba)", "SAP applications security testing (Virtual Forge CodeProfiler and ERPScan)", post required evaluations/proof-of-concepts.
- ❖ Have knowledge in IT security standards/frameworks such as OWASP, NIST, ISO, CIS - Critical Security Controls (SANS top 20), HITRUST, ITGC (IT General Controls), PCI-DSS, etc.
- ❖ Have knowledge in performing security/vulnerability assessment on cloud platforms such as Azure and AWS. Have knowledge on Qualys CloudView-CSA (Cloud Security Posture Management) solution.
- ❖ Have knowledge in risk management and BCP (business continuity plan) areas.
- ❖ Good knowledge in SDLC, S-SDLC (secure software development lifecycle) and DevSecOps.
- ❖ Was a part of the RFP/RFE process (understanding the requirements and providing solutions in bidding process).
- ❖ Mentored team members on Information Security areas, in all organizations which I have worked.
- ❖ Have experience in reviewing project plans in-order to meet project timelines, negotiating schedules with customers and internal management. Have experience in all project management phases.
- ❖ I possess good communication skills in coordinating with clients/customers for understanding, analyzing, conveying, and delivering quality products/applications in accordance with standards/guidelines.
- ❖ In addition to above, I can work/manage on testing teams such as Functional and Compatibility testing areas.

SKILL SET

Web-application VA [Vulnerability Assessment] – DAST	AppScan Standard/Enterprise, Burp suite, Qualys Web Application Scanning, Acunetix, WebInspect, Paros, OWASP ZAP, OWASP WebScarab, Chrome/Firefox plug-in's, etc.
Network/System VA	QualysGuard, Tenable-Nessus, Nmap, Rapid7, Core Impact, etc.
End point security solutions	Qualys VM agent, Tenable agent and Carbon Black.
Mobile-applications VA	AppScan Mobile Analyzer, NowSecure Lab Workstation and MobSf.
SAP applications VA	Virtual Forge Code Profiler and ERPScan.
Database VA	Imperva DAS [Database Discovery and Assessment] and Scuba.
Source Code Review – SAST	Fortify, Checkmarx and AppScan Source.
Web-services VA	SoapUI, Acunetix, AppScan, etc.
CSPM & IT Service mgmt	Qualys CloudView-CSA & ServiceNow-VR (Vulnerability Response).
Domains worked	BFSI, healthcare, automotive, entertainment/e-commerce.

EDUCATION

Walsh College (<https://walshcollege.edu>), Troy, Michigan (US).
MS (IT Leadership & Cyber Security) and **MBA** (General Management).

GPA: 3.673

January 2020 – September 2022

RMK Engineering College (affiliated to Madras University, India)
Bachelor of Engineering (Computer Science)

GPA: 3.23
 2005

EXPERIENCE SUMMARY

Nissan Motors (on contract) - Farmington Hills, Michigan (US).

Nov 2022 – till-date

Senior Vulnerability Management Analyst

- ❖ In my current role, I ensure that Nissan assets (internet/external and intranet facing) are assessed in periodic fashion with tenable.io (nessus) and ServiceNow VR & SecOps (Vulnerability Response and Security Operations) for infrastructure vulnerabilities for North America, South America and Mexico regions.
- ❖ Perform source code review on critical applications code-base with Fortify and Veracode.
- ❖ Interact with vendors and ensure that identified infrastructure, OS and application vulnerabilities are fixed/patched; and reassessed.
- ❖ Recommend best practices for securing infrastructure and applications.
- ❖ Assist CMDDB team in creation of asset inventory at enterprise level.
- ❖ Provide bi-weekly updates to CISO office and IT leaders on security posture; and improvement areas.
- ❖ Co-ordination with various teams (both offshore and onshore), team and project-management.
- ❖ Member in RFP/RFE process (understanding the requirement and providing solutions in bidding process).

Standard Chartered Bank (<https://www.sc.com>). Chennai (India)

May 2018 – September 2018

Senior Security Manager (Vulnerability Management practice).

- ❖ Conducted a detailed analysis of all services in existing Information Security practice and gave suggestions for improvements to CIO and his team. The improvement areas are as follows: networked endpoint security with usage of agents for continuous monitoring, bi-weekly vulnerability assessment of all critical systems and applications (including AWS cloud platform), usage of better tools for web-application and network vulnerability assessment areas, mobile application VA and MDM process, database systems VA, enhancements in S-SDLC process and inclusion of source code review (CI/CD), and Integration of critical internal applications with SOC/SEIM for better visibility during internal breach's.
- ❖ Interacted with CSP (cloud service provider's) and implemented CSPM solution for few critical web-applications and integrated them with internal vulnerability management solutions.
- ❖ Performed emergency infrastructure vulnerability scans on all Standard Chartered Bank enterprise assets when Wannycry/Petya ransomware hit us.
- ❖ Managed a team of 12 at Chennai (India) and Kuala Lumpur (Malaysia).
- ❖ Involved in holding discussions with external PT vendors for bank specific compliance security assessments.

Infosys Ltd (<https://www.infosys.com>). Chennai (India)

June 2013 – May 2018

Manager Information Security (Vulnerability Management practice).

- ❖ Review project/design documents and include security testing requirements which need to be followed.
- ❖ Recommend development teams to follow secure coding practices, implement SAST (source code review) during development phase.
- ❖ Recommend generic best practices for securing application and its infrastructure components.
- ❖ Perform VA on business critical applications [web/mobile/cloud based] with commercial/open-source tools and manual approach. Perform false-positive check for identified vulnerabilities/risks. Explain vulnerabilities with high level fix-recommendations to development teams; track/ensure all vulnerabilities are fixed/re-assessed.
- ❖ Perform network VA on enterprise infrastructure; and ensure that all vulnerabilities are fixed/re-assessed.
- ❖ Review executive/developer friendly final reports of security testing.
- ❖ Interact with third party VA/PT external vendors and get critical applications/assets assessed once in 6 months. I was involved in yearly ISO, DP and SOX compliance audits.
- ❖ Assist SOC [security operations center] team, when any security incidents are raised for internal applications.
- ❖ Performed emergency infra-vulnerability scans on all Infosys enterprise assets when Wannycry ransomware hit us.
- ❖ Was a member in RFP/RFE process (understanding the requirement and providing solutions in bidding process).
- ❖ Co-ordination, team and project-management. Train/mentor members in team.
- ❖ Managed a team of 16; and reported to VP (vice president) of Information Security team.

Notable achievements at Infosys Ltd:

- ❖ During 2013, did a detailed analysis on application security testing process, and introduced manual assessment [along with needed tools/utilities]. Manual assessment checklist was created based on OWASP testing guide.

- ❖ During 2014, introduced web-services security testing [along with needed tools] in accordance with OWASP and created internal training presentations for application security testing, along with basics of Ethical Hacking.
- ❖ During 2015, identified that few business critical applications were not integrated to SOC/SEIM; got them integrated for better visibility.
- ❖ During 2016, introduced mobile applications VA, post required evaluations/proof-of-concepts. Mobile applications process/checklist was created. Created mobile applications secure coding practices in-line with OWASP.
- ❖ During 2016/2017, created S-SDLC process for project teams, in-line with MS-SDL
- ❖ During 2017, introduced database servers VA [enterprise DB servers] and SAP applications security testing [enterprise SAP applications], post required proof-of-concepts.
- ❖ Was presented with 'MAESTRO Award' for outstanding contribution during FY 2015-16.

Cognizant Technology Solutions (<https://www.cognizant.com>). Chennai (India) & London (UK) June 2008 – May 2013

Senior Associate Projects (Vulnerability Management practice).

- ❖ Understood business/security testing requirements; and prepared estimates, test plan and test scheduling.
- ❖ Performed web-applications security testing, network devices/components vulnerability assessment and cross-browser compatibility testing for clients in BFSI and Healthcare domains, in-accordance with RFP. Performed false-positive check for identified vulnerabilities/risks.
- ❖ Explain all security vulnerabilities with fix-recommendations to Development team, Security Architect and Project Managers. Track till all vulnerabilities are fixed and re-assessed.
- ❖ Recommended best practices for securing the application and infrastructure devices/components.
- ❖ Prepared executive/developer friendly final reports. Co-ordination, team and project-management.
- ❖ Performed Threat Modeling for one of the in-scope application.
- ❖ Was deputed to client site [London, Manchester - UK]; on return to offshore built team at Chennai and supported UK's biggest BFSI client.
- ❖ Was a member in RFP/RFE process (understanding the requirement and providing solutions in bidding process).

Notable achievements at Cognizant Technology Solutions:

- ❖ In 2008, security testing practice started and I happened to be first recruit for the team. Preparation of approach, test scenarios, client questionnaires, estimation template, test plan template, test reports template documentations for Security & Browser compatibility testing areas.
- ❖ Implemented WebInspect for a healthcare client; and then performed web-application vulnerability assessment.
- ❖ Preparation of training materials for Security/Ethical Hacking. Gave trainings to colleagues on security/hacking on various occasions [along with tool demos].
- ❖ Was presented with "Excellence Corner award - September 2008" & "Performance Excellence Award" for FY 2008-09.

Ionidea Interactive Pvt. Ltd (<http://www.ionidea.com>). Bangalore (India).

June 2007 – June 2008

Software Test Engineer (Functional and non-functional testing).

- ❖ Understood the business requirements and applications flow. Performed functional testing, reported functionality defects and got them retested (after fixes) for a client in entertainment domain.
- ❖ Performed web application security testing (vulnerability assessment) for a client in healthcare domain. Tracked identified vulnerabilities till they are fixed.

Notable achievements at Ionidea Ltd:

- ❖ Preparation of approach, training documents for web-application security testing.
- ❖ Gave training for 2 days to colleagues on security testing/ethical hacking areas with live demo's.

Q-Cent Technologies Pvt Ltd ([company closed](#)). Hyderabad (India).

April 2006 – June 2007

Jr Software Tester (Functional and non-functional testing).

- ❖ Performed functional and browser compatibility testing on e-commerce web-applications. Explained identified defects and tracked till closure.

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