VARUN VERMA

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PROFILE STATEMENT

QA Professional with 9.5 years of experience. Adept at Test Planning, Test Design , Test Execution, Defect Reporting and Tracking. Armed with an in-depth knowledge of STLC and proficient in Manual and Python Automation testing of networking L2/L3 protocols, security feature testing on IDS/IPS with experience in REST API testing.

TECHNICAL PROFICIENCY

Networking Protocols:	STP/RSTP, LAG, QoS, IPv4/v6, RIP, OSPFv2, ERPS (G.8032), VLAN, CFM, Static MPLS, BGP, DHCP, DNS, TCP/UDP, ARP, Basics of EVPN
Virtualization Experience:	VMware NSX-T 3.0
Automation:	Python
Traffic Generators:	IXIA, Spirent Test Center, Avalanche, SmartBits
Testcase Management Tools:	HP Quality Center (ALM), TC View, Rally, TestRail
Defect Tracking Tools:	JIRA, IBM ClearQuest, Bugzilla, Rally Extra View
Version Control:	Git, Perforce
Other Tools:	Postman, Wireshark, Freeradius
CI/CD Exposure:	Jenkins, CIBot
Devices:	Juniper EX2300, SRX300, Ciena 6500/Z77/Waveserver, Ericsson SE/SSR, Radware DPx420

PROFESSIONAL EXPERIENCE

Juniper Networks – Test Engineer-4   Dec 2020 - Present
● Test Planning for Functional and Regression testing of Juniper-Mist Cloud's Wired/WAN Assurance on AWS environment.
● Testing performed for L2/L3, Dot1x features on Juniper switches and routers via REST APIs, using wireless clients as source of traffic.
● Automated monitoring scripts using REST APIs for various customer deployments to check for any cloud service issues.
● Experience with Kafka, Kibana, Laputa services used while debugging the issues.
● Syncing with Customer Success team on field issues for Test Escape Analysis.
● Working closely with developers for closing on in-house and customer reported defects.
● Working closely with Project Managers on discussion for various bug fixes and process improvements.
● Leading Cloud NPI activities by sanity testing features owned by different teams.
● Leading a team of four members as part of Wired/WAN Assurance activities in Cloud QA team.
● Training the team members on various L2/L3 features to be used on Juniper switches/routers via Mist.
● Planning the scope of UI tests to be done by team members using testproject.io framework

VMWare – Quality Engineering Developer   Sept 2019 - Dec 2020
● Developed testcases for DHCP, DNS Forwarder, Proxy ARP feature implementations on VMWare NSX-T using in-house automation framework.
● Performance testing for DHCP using IxLoad.
● Testing the migration of various L4-L7 services (DHCP, DNS, NAT, LoadBalancer) from VMware NSX-V to NSX-T.
● Responsible for writing testcases, test execution, assigning timelines, finding gaps in existing testplans for NSX-T features.
● Developed a framework for testing Role Based Access Control using python (REST API based).
● Discussed requirements and processes with project managers and developers.
● Throroughly reviewed technical documentation for the assigned features and discussed the gaps with the team.
● Mentored new joiners to onboard them on NSX-T platform.

Ciena India Pvt Ltd – PV Engineer 2A   Oct 2016 - Sept 2019
● Functional testing (manual and automation) of L2/L3 features like ERPS, CFM, Static MPLS, QoS, LAG/LACP, L2CFT, VLAN Transforms, OSPF on Ciena 6500 and Z-Series.
● Responsible for testing licensing feature on Ciena Waveserver.
● Responsible for testing supported upgrade paths with customer-simulated configurations.
● Introduced scenario-based approach to the team for regression and upgrade of features to have interoperable setups using various cards for better coverage.

- Performed Scale and Stability tests for various network protocol features.
- Prepared qualitative assessment of features.

Alten Calsosft Labs – Senior Software Engineer QA   Jan 2015 - Oct 2016
- Test planning and test execution for various IDS/IPS device features like Behavioral DoS, Signature Protection, HTTP Floods, SYN Protection, Server Cracking - to be executed and tested on Radware DefensePro x06, x412, x420.
- Enhanced the end customer configurations for system tests.
- Created stress test scenarios for multiple features.
- Performance test for various features using Avalanche.
- Exercised the role of scrum master for scrum meetings.

Wipro Technologies – Project Engineer   Sept 2012 - Jan 2015
- Responsible for executing automated regression runs for QoS and OSPF/BGP suites on Ericsson SE/SSR routers.
- Debugged automation failures by manually executing the cases on the devices.
- Worked on complete software releases as well as maintenance/bug fix releases.
- Worked on script reviews for the new scripts submitted by automation team.

CERTIFICATIONS

Juniper JNCIS-ENT   VMWare VCP – Network Virtualization
Microsoft Azure Fundamentals   Cisco CCNA
Radware Certified Security Professional
Ciena certified Carrier Ethernet Professiona

AWARDS AND RECOGNITIONS

- Above and Beyond Award and Spot Award for leading the Wired/WAN Assurance activities in Cloud QA team – Juniper Networks
- Spot Award twice for quality testing and closing on deliverables – VMWare
- Spot Awards and e-Applauses – Ciena India
- Shining Star Award – Wipro Technologies

EDUCATION

B.Tech. in Electronics and Communications Engineering - Punjab Technical University   **2008-2012**