

Suswetha KV

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PROFILE SUMMARY

Accomplished IT professional with **over 12 years** of experience architecting and leading complex test initiatives across multi-cloud, virtualized, and enterprise-scale platforms. Proven track record in managing global teams, scaling automated testing strategies, and ensuring product quality in high-availability environments. Deep expertise in cloud validation (AWS, Azure, GCP), test automation, release and escalation management, and performance engineering. Recognized for accelerating delivery cycles, mitigating risks early, and delivering seamless cross-platform releases through data-driven QA processes.

SKILLS

- **Team and Project Management:** Test leadership, scope definition, release scheduling, risk handling
- **Scripting and Automation:** Python, TCL, Perl, Selenium, Sikuli, Shell
- **CI/CD Techniques:** Jenkins, GitLab CI/CD, Azure DevOps, Bamboo, Docker, automated build/test/deploy pipelines, artifact management, environment provisioning
- **Cloud Platforms:** AWS, Azure, GCP, Oracle Cloud, Ali Cloud
- **Tools:** Selenium, JMeter, QTest, Jira, TestRail, Apache WebServer
- **Virtualization and Platforms:** VMware vSphere/ESX, Cisco UCSM, Dell Servers, V-blocks, NetApp FAS/Cloud, Docker, Kubernetes
- **Version Control:** Git, SVN, Perforce
- **Protocols:** NFS, CIFS, iSCSI
- **Performance Testing:** Load, stress, CPU/memory optimisation

CERTIFICATIONS

- VMware VCP-DCV
- EMC Storage Administration
- VCE Converged Infrastructure Admin
- Certified in L2/L3 Protocols & Network Admin
- CentOS Certified Administrator
- Trained in NetApp Ontap Cluster Admin

WORK EXPERIENCE

Staff SDET

Ivanti | Jan 2021 – Till Date

- Designed and implemented CI/CD pipelines using Jenkins, GitLab CI, and Terraform, automating test execution for functional, performance, and integration test suites across multiple cloud environments.
- Developed cloud-native automation frameworks to validate Infrastructure-as-Code (IaC) and ensure scalability under high-load and failover scenarios.
- Embedded QA in DevOps workflows by integrating test gates, automated sanity checks, and environment validation steps into every pipeline, enabling early defect detection and reducing release cycle time by 25%.
- Collaborated closely with DevOps and cloud engineering teams to implement shift-left testing, enabling faster feedback loops and improved code quality.
- Mentored globally distributed QA teams on CI/CD best practices, Docker-based test containerization, and use of cloud-native test harnesses, increasing automation adoption by 40%.
- Proactively managed regression risks and escalations during patch and hotfix releases through automated quality gates and rollback validation scripts.

MTS QA

NetApp | Feb 2018 – Oct 2020

- Integrated automated regression test suites into CI pipelines tied to daily builds, improving test coverage and reducing regression execution time by 30%.
- Collaborated with DevOps to align test cycles and QA milestones with CI/CD deployment timelines across hybrid and multi-cloud product environments.
- Served as the QA escalation point during critical release windows, managing issue triage and resolution aligned with build pipelines.
- Contributed to release management efforts, ensuring quality gates, test coverage metrics, and automation status were met before CI/CD-based deployments.
- Championed test automation integration within continuous delivery workflows, resulting in faster and more reliable product rollouts.

Senior Software QA

Dell EMC | Nov 2016 – Oct 2017

- Led QA efforts for V-block and Vx-block platforms across converged infrastructure projects.
- Defined release goals and executed platform-wide testing including SAN, VSAN, and switch validation.

- Oversaw integration testing and managed escalations during system rollouts.

Test Engineer

Cisco | Oct 2012 – Jan 2014, Oct 2014 – Oct 2015

- Managed automation and manual QA for UCSM and Nexus 1000V products.
- Automated test cases using Python and TCL, integrated with version control systems.
- Collaborated with cross-functional teams to validate firmware, network, and storage components.

Key Projects at Cisco

Cisco UCSM

- Led test planning and automation for features such as firmware upgrades, service profiles, and SAN configuration.
- Validated end-to-end system behavior and resolved complex storage issues involving LUNs and EMC/MDS tools.
- Developed TCL/Python scripts for test automation and regression suites.

Cisco Nexus 1000V

- Performed functional and automation testing of virtual switch features in VMware environments.
- Validated port-profile, VLAN, and security features with tight integration into vSphere.
- Troubleshoot virtualization issues and optimized network traffic handling.

PROJECTS

21x GWOS Pulse Secure Client

- Led cross-functional team to plan and execute performance testing for VMware, AWS, Azure, and GCP platforms.
- Managed release cycles, ensuring timely deployments, while troubleshooting and addressing critical issues during performance tests for 25k users.

NetApp Hybrid Cloud Volumes

- Oversaw complete test lifecycle and validation for hybrid cloud storage solutions, ensuring compatibility and data integrity across AWS, Azure, and GCP.
- Integrated automated tests into CI/CD pipelines to ensure real-time quality checks during patch and feature deployments.
- Participated in release planning and risk mitigation activities for data migration and cross-cloud failover scenarios using cloud-native tools.

Converged and Hyper-Converged Platforms

- Directed test planning, execution, and escalation management for Cisco V-blocks and Vx-blocks.
- Oversaw planned releases and managed test cycles, ensuring smooth deployment and system integration.

Cisco UCSM

- Led test planning and execution for Cisco UCSM, managing tasks such as firmware management, service profile creation, and SAN configuration.
- Worked closely with cross-functional teams to address and resolve issues related to storage and network management.

Cisco Nexus 1000V

- Contributed to testing and automation of Cisco Nexus 1000V Series switches for VMware vSphere environments, ensuring seamless integration with network traffic.
- Validated network protocols and implemented automation scripts for port-profile and VLAN configurations.

Dell 13G Servers Testing

- Managed test planning for configuration and platform testing of Dell servers across different OS environments.
- Led patch testing and recovery for server configurations, while managing automated testing scripts and addressing release-related issues.

EDUCATION

Bachelor of Technology in Computer Science from Jawaharlal Nehru Technological University (JNTU), India – 2010