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**Experience**

**NetApp** – Wichita, KS   
**Quality Assurance Engineer III**

**April 2016 – August 2024**

*•* As Interoperability team lead, drove continuous process improvement, served as a technical resource across the testing organization, and mentored up to 10 junior engineers and student contractors concurrently.

*•* Reduced capital expenditures by 60% by converting iSCSI test configurations to a VMware-powered virtual infrastructure.

*•* Led the adoption of Agile practices within the team, implementing 20-day sprint cycle and daily standups to drive increased productivity and efficiency.

*•* Designed, implemented, and documented a thorough test strategy to ensure seamless compatibility between VMware vSphere ESXi and NVMe over Fabrics (NVMe-oF) storage solutions.

*•* Resolved issues and provided expert guidance by efficiently managing escalations from customer support and technical marketing teams.

*•* Acted as team representative in defect standup meetings, ensuring overall release health and advocated for potential stop-ship issues.

*•* Fostered strong partnerships with Original Equipment Manufacturers (OEMs) to coordinate qualification efforts and develop tailored test plans that aligned with their product release schedules.

**Quality Assurance Engineer II**  **October 2014 – April 2016**

*•* Achieved certification for over 1200 distinct VMware solutions to be used with block storage product offerings, validating their compatibility and performance.

*•* Streamlined VMware deployment times in lab environments by 75% through the development of PowerCLI scripts and integration of provisioning software Cobbler.

*•* Reduced lab footprint by 40% through the consolidation of hardware components in test configurations, optimizing resource utilization and maximizing test coverage.

*•* Built and managed a centralized VMware vCenter infrastructure that was shared effectively across development and quality assurance teams.

*•* Orchestrated a strategic partnership with VMware and engaged bi-weekly to fast-track defect resolution, discuss roadmap milestones, and secure early access to VMware builds, enhancing the product delivery lifecycle.

**Quality Assurance Engineer I/Student Contractor**  **January 2010 – October 2014**

*•* Implemented and executed comprehensive test strategy for storage failover driver and block storage product, resulting in over 50 unique solutions certified for Windows Server Catalog.

*•* Developed documentation for Windows Server solutions, enhancing the setup and configuration processes for internal and external customers.

*•* Identified and validated use cases for Hyper-V Virtual Fibre Channel, enabling enhanced storage scalability.

**Education**

**[Wichita State University](https://www.wichita.edu)**   
[Bachelor of Science in Co](https://www.wichita.edu)mputer Science Minor in Mathematics

**August 2008 – May 2012**

**Skills**

**Developer Tools:** venv, VS Code   
**Frameworks:** Ansible, Dash, Docker, Flask, Jupyter Notebooks   
**Languages:** Python, VMware PowerCLI, PowerShell, Bash   
**Libraries:** Pandas, Plotly   
**Networking:** Cisco IOS, Cisco NX-OS, NVIDIA Mellanox MLNX-OS   
**Operating Systems:** VMware vSphere ESXi, Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Oracle Linux, Ubuntu   
**Project Management Tools:** Jira, Confluence   
**Storage Protocols:** Fibre Channel, iSCSI, NFS, NVMe over Fabrics (NVMe-oF), Serial Attached SCSI (SAS) **Version Control:** BitBucket, Git, GitHub, GitLab, Perforce