

KELLY KEMNITZ

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Experience

Koch, Inc., Wichita, KS

November 2024 – Present

Linux System Administrator

- Designed and implemented an Ansible AWX-integrated framework to convert legacy Bash scripts into playbooks, automating workflows and streamlining systems management.
- Leveraged Python and Pandas to enforce package consistency across servers throughout all SDLC stages, enhancing reliability and alignment in SAP environments.
- Developed Python application to extract server details from ServiceNow CMDB and instantiate class object representations, enabling automated retrieval of server configuration details using remote methods such as SSH.
- Provided operational support for supported Linux systems, proactively troubleshooting and resolving system issues to ensure high-availability and reliability for mission-critical operations.

NetApp, Inc., Wichita, KS

January 2010 – August 2024

Quality Assurance Engineer III (April 2016 – August 2024)

Quality Assurance Engineer II (August 2014 – April 2016)

Quality Assurance Engineer I (October 2011 – August 2014)

- 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 stand-ups to drive increased productivity and efficiency.
- Fostered strong partnerships with Original Equipment Manufacturers (OEMs) to coordinate qualification efforts and develop tailored test plans aligned with respective product release schedules.
- Devised, engineered, and executed a cross-organizational strategy to ensure lab systems remained consistently updated to address the latest Common Vulnerabilities and Exposures (CVEs).
- Decreased lab footprint by 40% through the consolidation of hardware components in test configurations, optimizing resource utilization and maximizing test coverage.
- Optimized VMware deployment times in lab environments by 75% through the development of automation scripts and integration of configuration management tools.
- Built and maintained a centralized VMware vCenter infrastructure, facilitating collaboration between development and quality assurance teams.
- Designed and conducted tests on customer-like environments, incorporating physical servers, host protocol adapters, and multi-path drivers for integration with block storage platforms.
- Developed and maintained documentation for Windows Server solutions, improving configuration processes for both internal teams and external customers.

Education

Wichita State University, Wichita, KS

May 2012

Bachelor of Science in Computer Science

Honors: *cum laude*

Technical Skills

Cloud Platforms and Services: Amazon Web Services (AWS)

Configuration Management: Ansible

Containerization: Docker, Podman

Developer Tools: Python Virtual Environments, Visual Studio Code

Languages: Python, VMware PowerCLI, PowerShell, Bash

Networking: Cisco IOS, Cisco NX-OS, NVIDIA Mellanox MLNX-OS

Operating Systems: VMware vSphere ESXi, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Ubuntu, Microsoft Windows Server, Oracle Linux

Project Management Tools: ServiceNow, Jira, Confluence

Storage Protocols: Fibre Channel, iSCSI, NFS, NVMe over Fabrics (NVMe-oF), Serial Attached SCSI (SAS)

Version Control: BitBucket, Git, GitHub, GitLab, Perforce

Web and Data Frameworks: Dash, Flask, Jupyter Notebooks, Pandas, Plotly