

# Kelly Kemnitz

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## Experience

**Koch, Inc.**, Wichita, KS

November 2024 – Present

Linux System Administrator

- Developed Ansible automation to transform manual and script-based processes into orchestrated workflows, enabling concurrent execution across the server fleet instead of single-server runs; this modernized approach leveraged version control for team collaboration and continuous improvement.
- Automated package version auditing across Linux systems in CI/CD environments using a Python/Pandas application to guarantee configuration uniformity and strict compliance with deployment standards.
- Provided data-driven visibility for leadership by generating ServiceNow dashboards and reports that enabled management and product stakeholders to monitor and track the success of hosting operations teams.
- Accelerated server deployment and maintenance by creating Ansible playbooks and roles to fully onboard Linux systems to the Uyuni infrastructure management platform, centralizing patching and package management.
- Enhanced license management accuracy by creating a Python/Pandas tool to reconcile and merge data between Red Hat account portals and the ServiceNow CMDB.
- Maintained system reliability and high-availability for mission-critical Linux systems; provided key operational support, leveraging VMware and storage expertise to assist hosting operations teams with complex outage mitigation.

**NetApp, Inc.**, Wichita, KS

October 2011 – 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)

- Drove continuous process improvement as the Interoperability Team Lead. Served as the technical authority across the testing organization and successfully mentored up to 10 junior engineers and student contractors.
- Optimized budget allocation and reduced capital costs by 60% through the successful conversion of physical iSCSI test configurations to a VMware virtual infrastructure.
- Spearheaded the transition to Agile methodologies, implementing a 20-day sprint cycle and daily stand-ups to boost team productivity and optimize workflow.
- Coordinated qualification efforts with OEMs by developing tailored test plans, ensuring seamless alignment with their product release schedules.
- Executed a cross-organizational strategy for continuous system updating and patching, successfully guaranteeing that all lab environments were protected against the latest Common Vulnerabilities and Exposures (CVEs).
- Architected and maintained a centralized VMware vCenter infrastructure, significantly enhancing collaboration and resource sharing between development and quality assurance teams.
- Conducted comprehensive testing on complex configurations, incorporating physical servers, host protocol adapters, and multi-path drivers to ensure seamless integration with block storage platforms.

## Education

**Wichita State University**, Wichita, KS

May 2012

Bachelor of Science in Computer Science

Honors: *cum laude*

## Technical Skills

**Automation and Containerization:** Ansible, Docker, Podman

**Cloud Platforms and Services:** Amazon Web Services (AWS)

**Data Science and Developer Tools:** Jupyter Notebooks, Python Virtual Environments, Visual Studio Code

**Languages:** Python, Bash, PowerShell, VMware PowerCLI

**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 and Operations 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, Pandas, Plotly