

# KELLY KEMNITZ

Wichita, KS | (316) 648-6290 | kellygkemnitz@gmail.com | linkedin.com/in/kellykemnitz

## Experience

**Koch Industries, Inc.**

Wichita, KS

**Linux System Administrator**

November 2024 – Present

- Designed and implemented a Python application utilizing the Pandas library to ensure package consistency across servers throughout all stages of the software development lifecycle, optimizing reliability and alignment in the SAP environment.
- 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.
- Delivered comprehensive operational support and administration for Linux-based systems, proactively resolving issues to maintain high availability and reliability for mission-critical applications.

**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 stand-ups to drive increased productivity and efficiency.
- Scoped, tested, and certified over 1,200 distinct VMware solutions for compatibility with NetApp block storage products, including new technologies like NVMe over Fabrics (NVMe-oF).
- Resolved issues and provided expert guidance by efficiently managing escalations from customer support and technical marketing teams.
- Acted as team representative in defect stand-up meetings, ensuring release health and championing potential stop-ship issues.
- Fostered strong partnerships with Original Equipment Manufacturers (OEMs) to coordinate qualification efforts and develop tailored test plans aligned with respective product release schedules.

**Quality Assurance Engineer II**

October 2014 – April 2016

- Devised, engineered, and executed a cross-organizational strategy to ensure lab systems remained consistently updated to address the latest Common Vulnerabilities and Exposures (CVEs).
- 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.
- 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.

**Quality Assurance Engineer I/Student Contractor**

January 2010 – October 2014

- Designed and conducted tests on customer-like environments, incorporating physical servers, host protocol adapters, and multi-path drivers for integration with NetApp block storage products.
- Developed and maintained documentation for Windows Server solutions, improving configuration processes for both internal teams and external customers.
- Pinpointed and verified use cases for innovations such as Hyper-V Virtual Fibre Channel, boosting storage scalability.

## Education

**Wichita State University**

Wichita, KS

**Bachelor of Science in Computer Science, cum laude**

August 2008 – May 2012

## Technical Skills

---

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

**Developer Tools:** Python Virtual Environments, Visual Studio Code

**Frameworks:** Ansible, Dash, Docker, Flask, Jupyter Notebooks, Podman

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

**Libraries:** Pandas, Plotly

**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:** AWS Elastic Block Store (EBS), Fibre Channel, iSCSI, NFS, NVMe over Fabrics (NVMe-oF), Serial Attached SCSI (SAS)

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