

Austin Dachel

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Linux Systems Engineer | Infrastructure, Automation & Security

SUMMARY

Linux Systems Engineer with experience across enterprise infrastructure, configuration management, and security-focused systems administration. Skilled in translating Linux system configurations into secure, auditable infrastructure, from Puppet-managed configuration and OS imaging to vulnerability identification and remediation.

Experience supporting customer-facing security assessments, including evaluating CVE exposure through hands-on system testing and translating findings into business-focused risk insights. Familiar with governance frameworks such as NIST and ISO 27001, with a focus on aligning technical operations to security and compliance requirements.

CORE TECHNICAL SKILLS

- **Operating Systems:** Linux (AlmaLinux, RHEL, Ubuntu), Windows
- **Configuration Management & Automation:** Puppet, Ansible, Git, Bash, Python
- **Systems Administration:** User & group management, file system management (LVM, RAID), process & service management (systemd, SysVinit), kernel tuning, hardware provisioning
- **Imaging & Fleet Management:** Canonical Landscape
- **Virtualization & Containers:** VMware vSphere, KVM, Docker, Podman, Kubernetes
- **Networking:** VLANs, DHCP, TCP/UDP, Multicast, Network Segmentation
- **Monitoring & Logging:** Nagios, Zabbix, Prometheus, Grafana, syslog, Wireshark
- **Security & Governance:** SELinux, AppArmor, SSH hardening, RBAC & least privilege, Active Directory, vulnerability management, incident response planning, NIST CSF, ISO 27001 (familiarity)

PROFESSIONAL EXPERIENCE

Linux Systems Engineer | *Bet365, Denver, CO*

July 2026 – Present

End User Technology

- Manage and maintain enterprise Puppet infrastructure, with configuration tracked and deployed via Git
- Administer Canonical Landscape for OS imaging and fleet management across end-user systems
- Build and maintain AppArmor security profiles, enforced and version-controlled through Puppet
- Write advanced Bash and Python scripts to automate systems administration and configuration tasks
- Maintain in-depth operational knowledge of Linux internals, including user and group management, file system management (LVM, RAID), and process management
- Administer service management (systemd, SysVinit) and perform kernel tuning to optimize system performance and stability
- Support virtualization (VMware vSphere, KVM) and containerization (Docker, Kubernetes) platforms
- Apply Linux security best practices, including SELinux, granular user permissions, SSH hardening, and vulnerability management
- Monitor system health and availability using Nagios, Zabbix, Prometheus, and Grafana

Systems Engineer | *Ateme, Englewood, CO*

Jan 2025 – July 2026

- Administered and maintained Linux-based infrastructure supporting production-adjacent and customer-facing environments, ensuring system stability, performance, and security alignment
- Conducted security-focused assessments of infrastructure and applications, identifying vulnerabilities and recommending remediation actions
- Served as cybersecurity liaison for North American operations, supporting customer RFPs and security questionnaires related to CVEs and system security posture

- Performed hands-on validation and testing of systems to assess real-world exposure to reported vulnerabilities and communicated risk findings to stakeholders
- Translated technical security findings into clear, business-focused risk assessments for customers and internal teams
- Developed and maintained incident response and recovery procedures for infrastructure failures, including power, system, and cybersecurity-related events
- Collaborated with engineering and operations teams to standardize configurations and improve security posture across environments
- Automated OS patching and configuration compliance using Ansible, improving consistency and reducing operational risk
- Implemented firewall rules and access controls to regulate inter-network communication and reduce attack surface
- Conducted log analysis and system audits to identify misconfigurations, performance issues, and potential security risks

Systems Administrator | *Ateme, Englewood, CO*

May 2023 – Jan 2025

- Supported deployment and operation of Linux-based systems used in streaming and customer environments
- Assisted in implementing secure configuration baselines and access controls across Linux and containerized environments
- Collaborated with teams to ensure systems aligned with security best practices and operational standards
- Managed containerized services using Docker and automated configurations using Ansible
- Configured and maintained network services including DHCP, VLAN segmentation, and access controls
- Monitored network traffic using Wireshark and syslog to identify issues and support security monitoring efforts
- Documented system configurations, procedures, and troubleshooting steps to improve consistency, audit readiness, and operational governance

Solutions Specialist | *Verizon, Lakewood, CO*

Aug 2019 – May 2023

- Assisted customers with device configuration, troubleshooting, and secure usage practices
- Identified and resolved technical issues related to connectivity, device performance, and account security
- Educated users on security best practices including password hygiene and data protection

PROJECTS & TECHNICAL WORK

- Automated system hardening and patch management using Ansible to improve security compliance and reduce configuration drift
- Designed segmented network architecture to enhance security isolation and reduce risk exposure
- Built centralized monitoring stack using Prometheus and Grafana to support system visibility and incident detection
- Implemented secure NAS storage solution with redundancy and controlled access
- Developed incident response procedures for infrastructure, environmental failures, and security-related events

EDUCATION

University of Colorado Denver

M.S. Cybersecurity & Information Assurance

In Progress — Expected May 2027

Metropolitan State University of Denver

B.S. Computer Information Systems | GPA: 3.45

CERTIFICATIONS

- GCP Associate Cloud Engineer
- Certified Ethical Hacker (CEH)
- Linux Foundations Certified Systems Administrator (LFCS)