

ZAC KELDER

INFRASTRUCTURE & SYSTEMS ENGINEER | LINUX • WINDOWS • VMWARE • IDENTITY

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PROFESSIONAL SUMMARY

Infrastructure and systems professional with 8+ years across global enterprise IT and military field operations. Administered Linux development systems, VMware vCenter, Windows/Microsoft identity and endpoint services while supporting a 400-person workforce. Previously led nine technicians integrating and restoring end-to-end field IT infrastructure. Independent projects demonstrate AWS, Python services and operational automation.

TECHNICAL SKILLS

Systems & virtualization: RHEL, Rocky Linux, Ubuntu, Windows Server, VMware vSphere/vCenter, ESXi, VM images/templates, Cisco networking, backups/recovery

Identity & Microsoft: Active Directory, Red Hat IdM/FreeIPA, LDAP, Kerberos, SSSD, Microsoft 365, Entra ID, Intune/Autopilot, Exchange Online, MFA/SSO

Security & administration: Microsoft Defender, Purview/DLP, Keeper privileged credentials, access reviews, security audit remediation; Bash, PowerShell

Independent project stack: AWS (ECS/Fargate, ECR, IAM/OIDC, CloudWatch), Terraform, Python, PostgreSQL, Docker, GitHub Actions, FastAPI

PROFESSIONAL EXPERIENCE

Trilliant Networks | Systems Administrator Oct 2023 - May 2025

- Supported enterprise infrastructure, identity services and technical escalations for approximately 400 global employees, including after-hours incidents and formal SLA commitments.
- Administered Linux development systems (RHEL, Rocky Linux, Ubuntu) and Windows servers; deployed and configured VM images in VMware vCenter, including provisioning, templates, storage/networking, snapshots, migrations and ESXi troubleshooting.
- Performed Linux patching, service/log and network diagnostics, backups and Bash/PowerShell scripting; managed local users/groups and sudo plus centralized Red Hat IdM/FreeIPA, LDAP, Kerberos and SSSD authentication.
- Supported Microsoft 365, Active Directory and Entra ID; configured SaaS SSO, assisted with MFA rollout/testing, licensing, access reviews and Exchange Online administration.
- Provisioned and maintained an approximately 300-device fleet across multiple sites, supporting Intune/Autopilot, onboarding/offboarding, software deployments and updates.
- Investigated security and email alerts, tuned Microsoft Defender/Exchange filtering and supported Purview/DLP; implemented Keeper SSO and privileged-credential protections for systems outside centralized identity management.
- Collected technical audit evidence, demonstrated live security controls to auditors, drafted policies/control documentation for supervisory review and personally remediated findings through configuration changes.

United States Army | Systems Maintainer / Technical Team Lead Jan 2017 - Oct 2023

- Led a nine-person technical team responsible for readiness, maintenance and troubleshooting of mission-critical IT/communications equipment valued at more than \$20 million.
- Deployed and integrated field IT environments end-to-end, from generator power and distribution through bare-metal Windows/Linux servers, Cisco networking, SATCOM links, operational systems and user laptops.
- Built, imaged, configured and tested servers, networking and workstations for exercises and deployments; coordinated preventive maintenance, inspections and readiness checks.

- Diagnosed and restored faults across interconnected power, server, networking, satellite and endpoint systems during time-sensitive field operations.
- Coordinated equipment upgrades and technical priorities; trained maintainers, documented troubleshooting procedures and briefed operational status and restoration needs to users and leadership.

INDEPENDENT ENGINEERING PROJECTS | 2026

Apex | Linux Operations & Data Platform

- Built and operated a Python/PostgreSQL research platform with scheduled ingestion, systemd-managed Linux services, durable state and documented fault recovery.

ArenaOps | AWS Infrastructure & CI/CD Demonstration

- Provisioned an AWS application infrastructure demonstration with Terraform, ECS/Fargate, ECR, CloudWatch and GitHub Actions, using IAM/OIDC deployment credentials and scale-to-zero cost controls.

MockingBird | Edge Systems & Reliability

- Built and field-tested a Raspberry Pi camera/audio observation system with event processing, intermittent-network recovery and operational diagnostics.

CERTIFICATIONS

CompTIA Security+ | CompTIA A+ | ITIL Foundation