

Anthony Klein

Senior Systems & Infrastructure Engineer specializing in cloud reliability, security automation, IAM, and enterprise observability across hybrid and multi-cloud environments.

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Summary

Core Strengths: SRE & Observability (Grafana Stack) • Infrastructure-as-Code (Docker/Compose) • Identity & Access Management (IAM/LDAP) • Cloud Architecture • Security Automation • Linux Systems • Cross-functional Collaboration • Stakeholder Communication

Professional Experience

Graid Technology Inc

Santa Clara, CA

Senior Systems & Infrastructure Engineer

04/2025 – Present

- Ran exhaustive hardware validation across multiple Linux environments — findings went straight to the product team and shaped what shipped.
- Built the Sunnyvale office network from scratch (UniFi + VLANs) for a 100+ person team — zero-downtime launch. Automated endpoint provisioning and access lifecycle for 50+ devices via MDM — new hires productive on day one.
- Built and secured cloud infrastructure from scratch for a Series A hardware startup — Azure AD, SSO, RBAC, and security policies, partnering with founders and engineering leads from day one.

Affirm Inc

San Francisco, CA

Senior IT & Infrastructure Engineer

08/2019 – 01/2025

- Managed corporate AWS infrastructure — cut 20% in cloud spend through cross-team analysis and presented findings to leadership without touching uptime.
- Led IAM initiatives across Okta, OneLogin, and SSO; collaborated with security, legal, and HR teams to strengthen access controls and successfully pass SOX audits with zero findings.
- Built automation across GitHub, Slack, and Atlassian using Python, Ansible, and Terraform, reducing toil and freeing engineers for higher-impact work.
- Kept software contracts and vendor access running smoothly for a 1,000+ person company — nothing expired, nothing fell through the cracks.

Location Labs by Avast

Emeryville, CA

Infrastructure Cloud Services Engineer

10/2016 – 01/2019

- Migrated JIRA and Confluence from on-premises to AWS, improving reliability and eliminating maintenance of an on-site server room.
- Managed GitHub Enterprise Server for an engineering organization of 2,000+, applying Ansible automation to enhance security while ensuring developers faced no access disruptions.

KDN Cloud

Remote

Principal Infrastructure Engineer — Contract

01/2012 – Present

- Designed and operate a 10+ node Proxmox homelab — the proving ground for every automation, security, and observability pattern applied in my professional work.
- Runs Kubernetes, Docker, Ansible, full Grafana observability stack, CrowdSec security mesh, Authentik SSO, WireGuard VPN, and Graylog SIEM — all managed as code and mirrored to GitHub.
- Built a centralized logging system across 10+ servers — everything in one place, fully automated, so nothing gets missed.
- Set up automated threat detection and response across the entire infrastructure — alerts fire instantly, bad actors get blocked without manual intervention.

Skills

Cloud & Infrastructure

AWS, Azure, Terraform, IaC, Docker, Kubernetes, Linux Systems Administration, Endpoint Management

IAM & Security

Okta, SSO, LDAP, RBAC, SOX Compliance, CrowdSec, Cloudflare WAF & Tunnels, Authentik, SaaS, Zero Trust, Identity Governance

Automation & Scripting

Python, Bash, Ansible, GitHub Actions

Monitoring & Observability

Prometheus, Grafana, InfluxDB, Telegraf, Graylog, OpenSearch

Enterprise Platforms

GitHub Enterprise, Atlassian (Jira/Confluence), Slack Enterprise, Microsoft Teams, Tableau

Networking

VLANs, Firewalls, pfSense, UniFi, WireGuard VPN

Platforms & Tooling

Proxmox, Nginx Proxy Manager, Gitea, Authentik, AzuraCast

Homelab & Personal Projects

KDN Cloud

KDN Lab is where I test ideas before they hit production — every tool and pattern in my professional work started here first. Open-source contributions and dashboards shared publicly on GitHub.

Lounge24 Radio

Self-hosted 24/7 internet radio station built on AzuraCast and Docker — a creative side project that also happens to be a real exercise in uptime, automation, and public-facing infrastructure.

Principal Architect | Klein Technology Consulting LLC

AWS architecture, Linux engineering, and infrastructure audits. Securing environments via pfSense (Perimeter) and CrowdSec (AppLayer).

Education

Sacramento City College

Computer Information Systems, Linux focus

Certs: GitHub Foundations & Administration

Coursework
Sacramento, CA • 2008