

# Anthony Klein

Las Vegas, NV | 510-570-5262 | ak@aklein.pro

**GitHub:** [github.com/variablenix](https://github.com/variablenix) | **LinkedIn:** [linkedin.com/in/aklein222](https://linkedin.com/in/aklein222)

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

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

## Professional Experience

### Senior Systems & Infrastructure Engineer

#### Graid Technology Inc – Santa Clara, CA | 04/2025 – Present

- Partnered with product engineering to validate Graid SupremeRAID across Debian/Ubuntu, RHEL, and Rocky Linux — delivered reproducible benchmarks that shaped product decisions.
- Served as primary IT lead; built the Sunnyvale office network from scratch (UniFi + VLANs) for a 100+ person distributed team and delivered a zero-downtime launch. Automated provisioning and access lifecycle for 50+ endpoints via MDM and scripted workflows — new hires productive on day one. No waiting, no tickets.
- 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.

### Senior IT & Infrastructure Engineer

#### Affirm Inc – San Francisco, CA | 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, eliminating repetitive tasks and freeing engineers to focus on high-value work.

### Infrastructure Cloud Services Engineer

#### Location Labs by Avast – Emeryville, CA | 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.

### Principal Infrastructure Engineer (Self-Employed)

#### KDN Cloud – Remote | 01/2012 – Present

- Architect and operate a 10+ node Proxmox homelab running Kubernetes (Rancher), Docker, Ansible, full observability stack, and a multi-node CrowdSec security mesh integrated with Cloudflare WAF, Authentik SSO, WireGuard VPN, and Graylog SIEM. Apply production-grade Linux administration, incident response, automation, and security engineering daily.

## Skills

- **Cloud & Infrastructure:** AWS, Azure, Terraform, IaC, Docker, Kubernetes, Linux Systems Administration
- **IAM & Security:** Okta, SSO, LDAP, RBAC, SOX Compliance, CrowdSec, Cloudflare WAF & Tunnels, Authentik

- **Automation & Scripting:** Python, Bash, Ansible, GitHub Actions
- **Monitoring & Observability:** Prometheus, Grafana, InfluxDB, Telegraf, Graylog, OpenSearch
- **Enterprise Platforms:** GitHub Enterprise, Atlassian (Jira/Confluence), Slack Enterprise, Tableau
- **Networking:** VLANs, Firewalls, pfSense, UniFi, WireGuard VPN
- **Platforms & Tooling:** Proxmox, Nginx Proxy Manager, Gitea, Authentik, AzuraCast

## Homelab & Personal Projects

- KDN Lab — 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.

## Education

**Sacramento City College** | Sacramento, CA | 2008.

Computer Information Systems coursework, Linux focus. Certs: GitHub Foundations & Administration.