

# Kyle Kost

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## Professional Summary

DevOps & Systems Engineer with **10+ years of experience** in cloud infrastructure, automation, and IT operations. Strong expertise in **AWS, Terraform, Python, CI/CD, and security management**. Passionate about **scalable infrastructure and process automation**.

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## Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, Glacier), Auth0
  - **Infrastructure as Code:** Terraform
  - **Monitoring & Logging:** Prometheus, Grafana, Loki
  - **Programming/Scripting:** Python, Bash
  - **DevOps & CI/CD:** Git, Jenkins, Docker, Kubernetes
  - **Systems Administration:** Linux, Unix (Solaris, AIX)
  - **Networking & Security:** VPN, Firewalls, Access Management
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## Work Experience

### DevOps Engineer

**Sigma IQ** | May 2019 - Apr 2020

- Designed and implemented AWS infrastructure with Terraform, optimized deployment strategies.
- Developed Python-based management utilities using Boto, automating 50+ manual tasks.
- Designed and deployed centralized logging (Prometheus, Grafana, Loki).
- Implemented corporate IT solutions including VPN, network security, and access management, ensuring secure remote access.

## Systems Engineer

**Amazon Web Services (AWS)** | Apr 2017 - Oct 2018

- Enhanced Python-based management utilities.
- Managed CI/CD software deployments and hardware provisioning for AWS Glacier.
- Led incident response and participated in 24/7 on-call rotations, reducing resolution time by 20%.

## Senior Systems Engineer

**VUBIQUITY** | May 2011 - Feb 2017

- Deployed and managed IT infrastructure for 200+ virtual and physical servers, ensuring 99.9% uptime.
- Collaborated with customers and project teams to integrate Linux-based appliances across 200+ remote locations.
- Developed automation scripts to improve content delivery workflows, reducing processing time by 40%.
- Provided technical leadership, translating business goals into infrastructure requirements.

## Unix Systems Administrator

**CSC** | Oct 2009 - May 2011

- Maintained 400+ Solaris/Linux/AIX servers, supporting over 1,000 users in a mission-critical environment.
- Implemented and managed core infrastructure services including NIS, NFS, Samba, DNS, DHCP, and SMTP.
- Participated in a 24/7 on-call rotation, troubleshooting high-priority server issues.

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## Education

**DeVry University**

Bachelor of Science (BS), Electrical and Electronics Engineering | 2005 - 2009