Nathan Cole

Senior DevOps Engineer

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# Professional Summary

Results-driven DevOps Engineer with over 6 years of experience designing CI/CD pipelines, managing AWS infrastructure, and implementing containerized solutions. Proven expertise in Infrastructure as Code and system automation.

# Technical Skills

* Cloud Platforms: AWS, Azure
* IaC Tools: Terraform, CloudFormation
* Containers: Docker, Kubernetes
* CI/CD: Jenkins, GitLab CI, CircleCI
* Monitoring: Prometheus, Grafana, ELK stack
* Scripting: Python, Bash
* Version Control: Git, GitHub Actions

# Professional Experience

## Senior DevOps Engineer – CloudScale Tech (Jan 2021 – Present)

* Developed automated CI/CD pipelines using Jenkins and GitLab CI for 15+ microservices.
* Deployed scalable infrastructure on AWS using Terraform and CloudFormation.
* Implemented Kubernetes for container orchestration, managing 10+ clusters in production.
* Optimized monitoring using Prometheus, Grafana, and ELK for real-time insights.

## DevOps Engineer – FastLane Solutions (Jul 2018 – Dec 2020)

* Designed deployment strategies for hybrid cloud environments.
* Automated configuration management using Ansible and Bash scripting.
* Maintained high availability for systems during release cycles.

# Key Projects

### CI/CD Pipeline Overhaul

Redesigned Jenkins pipelines reducing build times by 45% and improving release reliability.

### AWS Infrastructure Modernization

Led migration of legacy systems to AWS using Terraform and CloudFormation with zero downtime.

# Education

B.S. in Computer Engineering – University of Texas at Austin (2016)

# Certifications

* AWS Certified DevOps Engineer
* CKA – Certified Kubernetes Administrator