

# Shashank Shukla

 Shashank Shukla  Portfolio  7737602733  shashank.shukla1202@gmail.com  Bangalore, India

## Profile

DevOps/SRE Engineer with 4.5+ years of experience in AWS and Kubernetes **infrastructure design, automation, and scaling**. Focused on **operational efficiency and system reliability**, with a track record of **reducing costs, improving deployment processes**, and implementing observability solutions. Experienced in supporting cross-functional engineering teams.

## Experience

### Nielsen | Bangalore, India

#### Senior DevOps Engineer | Jun 2025 – Present

- **Consolidated 20+ AWS ALBs into a single ALB**, cutting monthly cloud spend by **95%**.
- Built **AI-powered DevOps self-service documentation** platform, reducing internal support requests by 60%.
- Optimized Karpenter autoscaling configuration to right-size EC2 instances, reducing monthly **compute spend by 25%**.

### Conga | Bangalore, India

#### Senior DevOps Engineer | Apr 2024 – Jun 2025

- **Architected** KEDA-based autoscaling for **NGINX** (via Prometheus) and **AWS SQS consumers**, optimizing resource usage.
- **Led a 6-member DevOps/SRE team** implementing Site Reliability practices.
- **Developed** SaaS API platform with **FastAPI (60+ endpoints)**; implemented CI/CD with canary rollouts.
- **Engineered** a Python-based workflow orchestration tool for data migration, increasing automation coverage by 80%.

#### DevOps Engineer | Apr 2023 – Mar 2024

- **Automated** infrastructure using **Terraform**, enabling HA & scaling, reduced release cycles from **2 weeks to 3 hours**.
- Deployed **observability stack and Doppler** for secrets management; reduced MTTR by 50%.
- Orchestrated microservice **deployments** for **React, Angular, Java, and Python** apps, reducing deployment time by **60%**.

#### Associate DevOps Engineer | Jul 2021 – Mar 2023

- Created **templated Helm charts**, cutting deployment setup time by **40%**.
- Automated **CI/CD pipelines** using **Groovy & Shell scripts**.

## Skills

**Core Technologies:** AWS (EC2, EKS, ALB, SQS, CloudWatch), Kubernetes, Docker, Terraform, Helm

**CI/CD & Automation:** Jenkins, Spinnaker, GitLab CI, Rancher Fleet, GitOps workflows

**Monitoring & SRE:** Prometheus, Grafana, KEDA, Incident Response, Performance Tuning

**Programming:** Python, Bash, Groovy, Go, Infrastructure as Code (IaC)

**Others:** JIRA, Git/GitHub, Figma

**Data & Messaging:** MongoDB, Kafka/MSK, Redis Streams

## Education

**B.Tech in Computer Science and Engineering | Jul 2017 – Jun 2021** 

Bangalore

M.S. Ramaiah University of Applied Sciences | **CGPA: 9.0**

## Accomplishments

- Delivered technical presentation on scalable Kubernetes architecture at internal conference (200+ attendees)
- Achieved 95% cost reduction in AWS ALB infrastructure through strategic consolidation
- Improved incident response by 50% MTTR reduction via enhanced observability implementation

## Certificates

- Certified Kubernetes Administrator (CKA)
- HashiCorp Certified: Terraform Associate