

Siddarth Patil

Cloud Infrastructure & DevOps Engineer

Belagavi, Karnataka | siddarthgoudapatil10@gmail.com | +91 7411736360 | github.com/siddarthpatil

OBJECTIVE

Computer Science graduate with hands-on experience deploying and managing scalable cloud infrastructure on AWS. Skilled in Docker, Kubernetes, Nginx, Prometheus/Grafana, and GitHub Actions CI/CD. Seeking a Cloud/DevOps engineering role delivering reliable, production-grade infrastructure from day one.

TECHNICAL SKILLS

AWS: EC2, S3, IAM (least-privilege roles), RDS, VPC (subnets, security groups, NAT), CloudWatch

Kubernetes: Deployments, Services, ConfigMaps & Secrets, Pods, auto-scaling, self-healing, rolling updates, Helm basics

Nginx: Reverse proxy, virtual hosts, SSL/TLS termination, upstream routing, multi-app on single instance

Docker: Multi-stage builds, image optimisation, Docker Compose, container networking & volume management

Monitoring: Prometheus (metrics/alerting), Grafana (real-time dashboards)

CI/CD: GitHub Actions — automated build, test, Docker push, zero-downtime deploy

Other: Git, Linux (Ubuntu), Bash scripting, Python, Firebase, REST API integration

EXPERIENCE

Cloud Intern — YesMinds Global Solutions (8 Months)

- Configured and maintained Linux (Ubuntu) EC2 environments — package management, user permissions, SSH hardening, Nginx virtual hosts across dev/staging/production.
- Orchestrated containerised Node.js services with Kubernetes (Deployments, Services, ConfigMaps); wrote Bash scripts for provisioning, log rotation, and deployment automation.
- Set up Prometheus + Grafana dashboards for infra/app health monitoring.
- Used GitHub Actions for release automation; contributed to code reviews and documented infra runbooks.

PROJECTS

OrderMe Customer — Cloud-Deployed Production App (Live on Google Play Store)

- AWS EC2 (Ubuntu) production backend with hardened security groups, elastic IPs, SSH key-pair auth.
- Nginx reverse proxy with SSL/TLS termination in front of Node.js API.
- Kubernetes orchestration for auto-scaling, self-healing, zero-downtime rolling updates.
- Prometheus + Grafana monitoring with custom alerting; S3 media storage with least-privilege IAM.
- GitHub Actions CI/CD: build, push Docker image, deploy to Kubernetes on every push to main.

TowDepo — Full-Stack E-Commerce App with Cloud Deployment

- Custom VPC with public/private subnets, NAT gateway, route tables; RDS isolated in private subnet.
- Nginx reverse proxy routing multiple services on a single EC2 instance; Dockerized multi-stage builds.
- AWS RDS (MySQL) with automated backups, ingress locked to EC2 only.
- Prometheus + Grafana dashboards; CI/CD: lint, test, Docker build, push, deploy to Kubernetes.

EDUCATION

KLE Technological University, Belagavi

B.E. Computer Science Engineering (2021–2025) — CGPA 6.5

Jambagi PU College, Belagavi

PCMC Pre-University (2019–2021) — 77%

Rainbow Residential Public School, Ranebennuru

State Board (2018–2019) — 83%