

# AMOGH LOKHANDE

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## SUMMARY

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DevOps Engineer with hands-on experience in production-grade Kubernetes, CI/CD automation, and cloud infrastructure, focused on building scalable and reliable systems.

## EDUCATION

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**JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI**

**Bachelor's of Engineering , Computer Science**

## EXPERIENCE

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**Synthlane Technologies Pvt. Ltd.**

**DevOps Engineer (Internship)**

**Noida / Remote**

Jan 2026 – March 2026

- **Architected and bootstrapped** a production-ready Kubernetes cluster on Hetzner Cloud using kubeadm, implementing automated node provisioning to ensure high availability and rapid scaling.
- **Orchestrated multi-service microservices deployments**, managing independent lifecycles and deployment configurations for fragmented services rather than monolithic structures.
- **Engineered a secure platform infrastructure** by deploying and configuring Traefik (Ingress), Cert-Manager (Automated TLS), Harbor (Private Registry), and Infisical for centralized secret management.
- **Automated the software delivery lifecycle (SDLC) by building CI/CD pipelines** that reduced manual intervention for container builds and production deployments.

## PERSONAL PROJECTS

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**Serverless Log Processing Pipeline — AWS - [github](#)**

- AWS Lambda | S3 | CloudWatch | EventBridge | IAM | Python
- Built a serverless log processing pipeline on AWS using S3-triggered Lambda functions for automated ingestion and processing.
- Designed an event-driven architecture with EventBridge and CloudWatch for orchestration, monitoring, and alerting.
- Implemented structured log parsing to enable efficient analysis and reduce manual handling.

**FluxGate — GitOps Blue-Green Deployment Platform— Azure - [github](#)**

- Jenkins | Docker | Kubernetes | ArgoCD | SonarQube | Trivy | FastAPI | AzureVM
- Developed a GitOps-driven blue-green deployment platform enabling zero-downtime traffic switching on Kubernetes.
- Implemented CI with Jenkins and GitOps CD using Argo CD, ensuring controlled, auditable, Git-based releases.
- Built a FastAPI control plane & dashboard with Prometheus monitoring for deployment health and resource metrics.

## SKILLS

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**Cloud & Infrastructure:** Microsoft Azure, Hetzner Cloud, AWS

**Containers & Orchestration:** Docker, Kubernetes (k3s, AKS, K8s), Helm

**Infrastructure as Code:** Terraform, Bicep

**CI/CD & GitOps:** Jenkins, Argo CD, GitHub Actions, Woodpecker

**Observability & Monitoring:** Prometheus, Grafana, Dozzle

**Configuration Management:** Ansible

**Programming & Scripting:** Python (FastAPI), Shell Scripting

**Version Control & OS:** Git, Linux