

# Yash Kulkarni

## DevOps Engineer

### CONTACT INFO

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### PERSONAL PROFILE

#### HISAN LABS

June 2024 – Present

I am a cloud & DevOps Engineer with 7+ months of practical experience currently working at hisan labs. Building and managing **CI/CD** pipelines, automating infrastructure using **Infrastructure as Code (IaC)**, and working with cloud services like **AWS, Azure, and GCP**. I have hands-on skills in using DevOps tools for **configuration management, containerization, and system monitoring**. I am focused on improving **deployment processes**, enhancing system reliability, and **optimizing cloud resources** to deliver efficient solutions..

### SKILLS

**Operating Systems:** Ubuntu, Redhat, Windows

**Cloud Platforms:** AWS (IAM, S3, RDS, EKS, CloudFormation, VPC, CloudWatch), Azure, GCP

**Containerization & Orchestration:** Docker, Kubernetes

**Infrastructure as Code (IaC):** Terraform, CloudFormation

**CI/CD Tools:** Jenkins, Argo CD

**Monitoring & Logging:** Grafana, Prometheus

**Version Control & Database:** GitHub, MongoDB

**Security & Scanning Tools:** Trivy, SonarQube

**Scripting & Programming:** Shell Scripting, YAML, Python

### PROJECTS

- Deployed a Java-based ERP application over cloud infrastructure with a fully automated **Jenkins CI/CD** pipeline integrated with GitHub, Maven, and SonarQube for build management and code quality analysis. Containerized the application using **Docker** and deployed it on a Tomcat server for scalable and efficient application management.
- Deployed a zomato clone application on **AWS EKS** with automated deployment pipelines using **Argo CD** for continuous delivery and version control. Monitored application performance and resource utilization using **Prometheus** and visualized key metrics through **Grafana** dashboards. Designed and managed **YAML** files for Kubernetes deployments, services, and configuration management to define infrastructure as code and ensure seamless deployments.
- Provisioned AWS services including IAM, S3, EC2, VPC, Subnets, Security Groups, Internet Gateway, Elastic and Application Load Balancers, CloudWatch, and Route53 using Terraform to implement Infrastructure as Code (IaC). Automated resource creation with reusable **Terraform modules** and managed state files for consistent and version-controlled infrastructure deployment. Configured Terraform to store and manage the **tf.state** file securely in S3, ensuring centralized state management and enhanced security for infrastructure configurations.

### EDUCATION

GS Moze College Of Engineering Balewadi, Pune

**MCA (2022-2024)**

MGM Dr. GY Pathrikar College Of CS & IT, Aurangabad

**Bsc.CS (2019-2022)**

### LANGUAGES

English

Marathi

Hindi