

# KHUSHAL BHAVSAR

↳ +918237991969

✉ khushalbhavsar41@gmail.com

LinkedIn

GitHub

Portfolio

## EDUCATION

### KDK College of Engineering

B.Tech in Electronics and Telecommunication Engineering

Nagpur, Maharashtra

2021 – 2025

## EXPERIENCE

### Cloudnautic ↗

Role - AWS DevOps Intern

June 2025 – December 2025

Pune, Maharashtra (On-site)

- Worked on deploying and managing AWS cloud infrastructure including **EC2, S3, IAM, VPC, EBS, EFS, RDS, ELB/ALB, DynamoDB, and Lambda**.
- Implemented and maintained **CI/CD pipelines** using **Jenkins** and **GitLab**, following best practices with **Git** and **GitHub**.
- Containerized applications using **Docker** and orchestrated workloads using **Kubernetes**, enabling scalable and reliable deployments.
- Automated infrastructure provisioning and monitoring using **Terraform**, **CloudFormation**, and configuration tools like **Ansible**, with observability via **CloudWatch**, **Prometheus**, and **Grafana**.

## TECHNICAL SKILLS

**Programming & Scripting:** Python, Bash

**Version Control:** Git, GitHub

**CI/CD Tools:** Jenkins, GitLab, SonarQube

**Containers:** Docker

**Container Orchestration:** Kubernetes, Amazon EKS

**Cloud Platforms:** AWS (EC2, ECS, EKS, ECR, EBS, EFS, S3, RDS, IAM, VPC, ELB, ALB, DynamoDB, Lambda, CLI, CloudShell, CloudWatch)

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

**Automation & Configuration Management:** Ansible, Puppet, Chef

**Networking:** Routing, Security Groups

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

**Operating Systems:** Linux (Ubuntu, Amazon Linux)

## PROJECTS

### TodoApp CI/CD DevOps Pipeline ↗ | Node.js, Jenkins, Docker, Kubernetes, SonarQube, Monitoring

- Built an automated **CI/CD pipeline** using Jenkins with GitHub webhooks enabling **zero manual approvals**.
- Containerized the application using Docker and automated publishing of **versioned images** to Docker Hub.
- Deployed the application on Kubernetes with Ingress, ConfigMaps, and HPA ensuring **high scalability**.
- Integrated **Prometheus** and **Grafana** dashboards to monitor latency, performance, and system health in real-time.

### Node.js App Deployment On AWS EKS ↗ | Node.js, Docker, Kubernetes, AWS EKS

- Containerized and deployed a Node.js app on AWS EKS using ECR, improving deployment speed by **70%**.
- Configured IAM roles, RBAC, and LoadBalancer for secure and scalable cluster access.
- Implemented HPA and CloudWatch monitoring ensuring **99.9% uptime** and fault tolerance.
- Performed rollout strategies and health checks using **kubectl**, reducing deployment failures by **50%**.

### Student Management System AWS Serverless ↗ | Lambda, API Gateway, DynamoDB

- Built a scalable serverless CRUD application using Lambda + API Gateway achieving **zero server maintenance**.
- Implemented DynamoDB encryption and IAM least-privilege policies reducing security risk by **40%**.
- Enabled CORS and API authorization for secure frontend integration.
- Utilized CloudWatch logs and metrics, reducing debugging time by **30%**.

## CERTIFICATIONS

- AWS Certified Solutions Architect Associate - Amazon Web Services
- AWS Course Completion Certificate - Ethan's Tech