

KHUSHAL BHAVSAR

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LinkedIn

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Portfolio

EDUCATION

KDK College of Engineering

B.Tech Electronic And Telecommunication Engineering - **CGPA - 8.00**

2021 – 2025

Nagpur, Maharashtra

EXPERIENCE

Cloudnautic ↗

July 2025 - Present

Role - DevOps Intern

Pune, Maharashtra (On-site)

- Contributed to real-world **Cloud and DevOps projects** on AWS.
- Built and automated **CI/CD pipelines** using Jenkins and GitHub Actions.
- Implemented **Infrastructure as Code (IaC)** with Terraform and CloudFormation.
- Containerized applications using Docker and orchestrated deployments on Kubernetes (EKS).
- Gained hands-on experience in **monitoring, automation, and cloud-native architecture deployment**.

TECHNICAL SKILLS

Programming & Scripting: Python, Bash

Version Control: Git, GitHub, Gitlab

CI/CD Tools: Jenkins, GitHub Actions

Containers: Docker (build, run, push images)

Container Orchestration: Kubernetes

Cloud Platforms: AWS (EC2, S3, IAM, RDS, EKS)

Infrastructure as Code (IaC): Terraform (provision EC2, VPC)

Monitoring & Observability: AWS CloudWatch, Prometheus, Grafana

Operating Systems: Linux (Ubuntu, Amazon Linux)

PROJECTS

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 rapid fault recovery.
- Performed rollout strategies and health checks using kubectl, reducing deployment failures by **50%**.

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

- Built an automated **CI/CD pipeline** using Jenkins with GitHub webhooks to enable continuous integration and deployment with **zero manual approvals**.
- Containerized** the application using Docker and automated publishing of **versioned images** to Docker Hub for reliable deployments.
- Deployed** the application on Kubernetes using Ingress, ConfigMaps, and HPA to ensure **scalability and secure configuration management**.
- Integrated Prometheus metrics and Grafana dashboards to monitor **performance, request latency, and system health** in real-time.

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

- Built a scalable serverless CRUD application using Lambda + API Gateway achieving **zero server maintenance**.
- Implemented secure data handling with DynamoDB encryption and least-privilege IAM 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 Course Completion Certificate - Ethan's Tech