Khushal Bhavsar

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EDUCATION

KDK College of Engineering   **2021 − 2025**
*B.Tech Electronic And Telecommunication Engineering - **CGPA - 8.00***   *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, Terraform, AWS

- Designed a complete CI/CD pipeline using Jenkins enabling automated build, test, scan and deployment to EC2, reducing manual effort by **80%**.
- Provisioned infrastructure using Terraform, improving deployment consistency by **95%**.
- Integrated Docker, GitHub, and AWS CLI for streamlined releases and version-controlled rollbacks.
- Enhanced developer productivity with fully automated delivery workflow.

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