

# SAIKIRAN ASAMWAR

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## EXPERIENCE

### Cloudnautic

*DevOps Intern*

July 2025 – Present

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.

## EDUCATION

### K. D. K. College of Engineering, Nagpur

*B.Tech - Electronics and Telecommunication - CGPA: 7.6*

2021 – 2025

Nagpur, Maharashtra

## PROJECTS

### Wanderlust – MERN Stack Travel Blog | [GitHub](#)

Oct 2024

- Built full-stack travel blog using MERN stack with JWT authentication, file uploads, and real-time commenting.
- Developed RESTful APIs using Express.js, integrated MongoDB, and designed a responsive React.js frontend with Bootstrap.
- Deployed on Render with Cloudinary integration, achieving 99% uptime and optimized load times by 40%.

### Serverless Student Management System – AWS | [GitHub](#)

Sep 2024

- Developed serverless backend using AWS Lambda (Python), DynamoDB, and API Gateway for scalable student management.
- Implemented AWS Cognito for authentication and optimized DynamoDB schema with Global Secondary Indexes.
- Reduced operational overhead by 70% through serverless and event-driven design.

### Docker-Java-Springboot-Project | [GitHub](#)

Aug 2024

- Developed microservices-based e-commerce platform using Spring Boot, Docker, and MySQL.
- Created optimized multi-stage Dockerfiles, reducing image size by 60%, and managed multi-container setup using Docker Compose.
- Implemented CI/CD pipeline with GitHub Actions and used Eureka service discovery for microservice communication.

## TECHNICAL SKILLS

**Programming Languages:** Python, Go

**Cloud Platforms:** AWS (EC2, EBS, EFS, S3, RDS, IAM, VPC, ELB, Elastic Beanstalk, DynamoDB, Lambda, CloudWatch, CLI, CloudShell)

**DevOps & Automation Tools:** Git, GitHub, Jenkins, GitHub Actions, Docker, Kubernetes, Amazon ECS, Amazon EKS, Terraform, Ansible, Puppet, Chef, Prometheus, Grafana, ELK Stack, Bash Scripting

## CERTIFICATIONS

- AWS Course Completion Certificate – Ethans Tech