

SAIKIRAN ASAMWAR

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LinkedIn

GitHub

Portfolio

EDUCATION

K. D. K. College of Engineering

B.Tech in Electronics and Telecommunication Engineering

Nagpur, Maharashtra

2021 – 2025

EXPERIENCE

Cloudnautic ↗

June 2025 – December 2025

Pune, Maharashtra

Role - DevOps Intern

- 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 GitHub Actions, following best practices with Git and GitHub.
- Containerized applications using Docker and orchestrated workloads using Kubernetes (EKS/ECS) for scalable deployments.
- Automated infrastructure provisioning and monitoring using Terraform and CloudFormation with observability via CloudWatch, Prometheus, and Grafana.

TECHNICAL SKILLS

Programming & Scripting: Python, Bash

Version Control: Git, GitHub

CI/CD Tools: Jenkins, GitHub Actions, 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

Monitoring & Observability: CloudWatch, Prometheus, Grafana

Operating Systems: Linux (Ubuntu, Amazon Linux)

PROJECTS

JobBoard – Dockerized Deployment on AWS EKS — GitHub

- Containerized application services using Docker and stored images in AWS ECR.
- Deployed workloads on AWS EKS using Kubernetes manifests, Ingress, and Load Balancer.
- Validated deployment stability, scaling behavior, and service availability.

Node.js Media Compressor – CI/CD DevOps Pipeline — GitHub

- Built automated CI/CD pipelines using Jenkins for container build and deployment workflows.
- Versioned and stored Docker images in AWS ECR and deployed them on AWS EKS.
- Monitored deployments and resolved runtime issues using logs and metrics.

Python Task Manager – DevOps Deployment — GitHub

- Dockerized the Python-based backend application to ensure consistent runtime environments.
- Provisioned AWS EC2 infrastructure using Terraform and automated configuration using Ansible.
- Implemented monitoring with Prometheus and Grafana, and troubleshoot runtime issues to improve stability.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- DevOps Tools – Course Completion Certificate, Ethan's Tech
- AWS Course Completion Certificate – Ethan's Tech