

# SAIKIRAN ASAMWAR

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## EDUCATION

**K. D. K. College of Engineering**

*B.Tech in Electronics and Telecommunication Engineering*

**Nagpur, Maharashtra**

*2021 – 2025*

## EXPERIENCE

**Cloudnautic** 

**June 2025 – December 2025**

*Role - DevOps Intern*

*Pune, Maharashtra*

- 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 troubleshooted runtime issues to improve stability.

## CERTIFICATIONS

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