

Mukesh Chaudhary

+918955619477 | mukesh.chaudhary.1409@proton.me | [portfolio website](#) | [github profile](#) | [linkedin profile](#)

PROFILE SUMMARY

Dedicated DevOps Engineer with a solid background in infrastructure automation, cloud computing, containerization, and CI/CD. Recently graduated in Computer Engineering with CGPA of 8.72 at Silver Oak College of Engineering & Technology. actively developing DevOps skills via practical projects and certifications.

EXPERIENCE

- DevOps Intern | CodeSentinel | Remote *Aug 2025 - Present*
Role/designation
Contributing to DevOps projects including **containerization with Docker, CI/CD pipeline development using GitLab & GitHub Actions**, and **monitoring solutions with Prometheus & Grafana**. Gained hands-on experience in automation, deployment, and observability practices
- Cloud Engineer Intern | Techplement | Remote *Apr 2025 –June 2025*
Role/designation
Deployed applications on AWS using both monolithic and microservices architectures by launching and configuring EC2 instances, installing WordPress & MySQL, setting up security groups, and ensuring end-to-end connectivity.

EDUCATION

- Silver Oak College of Engineering and Technology *Ahmedabad*
B.Tech (Computer Engineering - 8.72 CGPA) *2021– 2025*
- Secured a Top 20 ranking out of 1,000+ students in the 2nd semester at Silver Oak College of Engineering and Technology .
 - Achieved grades of 85%+ in over 21 out of 48 core theoretical and practical subjects in undergraduate Computer Engineering Program .

SKILLS

Technical skills : HTML | CSS | JavaScript | Python | Shell-Scripting | MySql |

Tools: Linux(Ubuntu)| Docker | Jenkins CI-CD | Git & GitHub | GitLab |GitHub Actions | Kubernetes | Terraform | Ansible | AWS | Grafana | Prometheus | ArgoCd | Helm | SonarCube | cAdvisor |Node-Exporter |

PROJECTS

My Portfolio Deployed on AWS *Aug 2025*

- Created **Docker** and **Docker Compose** setups for containerized applications
- Built **CI/CD pipelines** using **GitLab CI/CD** and **GitHub Actions**
- Implemented **monitoring & alerting** with **Prometheus** and **Grafana**

Budget-App Deployment on AWS *July 2025*

- Containerized Ruby on Rails budget management app using **Docker**.
- Deployed on **Kubernetes** with **Ingress** for domain-based access.
- Implemented **GitOps** workflows via **ArgoCD** for automated deployments.
- Integrated **GitHub Actions** for CI/CD automation.
- Managed PostgreSQL credentials using **Kubernetes Secrets** for security.
- Optimized Kubernetes manifests for scalability and reliability.

End-to-End Bank Application Deployment on AWS EKS (DevSecOps)

May 2025

- Deployed Spring Boot app on EKS using CI/CD pipeline with Jenkins, SonarQube, Trivy.
- Automated infrastructure with Terraform, used ArgoCD & Helm for GitOps.
- Implemented Prometheus/Grafana for observability.

EasyShop – Full-Stack E-commerce Platform

Apr 2025

- Automated provisioning with Terraform, deployed on AWS EKS using GitOps (Argo CD).
- Secured deployment with NGINX Ingress, Cert-Manager, HTTPS.
- CI with Jenkins, GitHub Webhooks, DockerHub push.

ACHIEVEMENTS

- Volunteered in community service programs, including blood donation camps and awareness drives.
- Engaged in college cultural events, including fests, dance, and stage performances.
- Secured 2nd position at the District Level (Ahmedabad) in Powerlifting competition.
- Actively participated in organizing and coordinating college events, workshops, and tech fests.
- Other Hobbies - Passionate about strength training and physical fitness.
 - Enthusiastic about athletics and regular participation in physical fitness activities.

CERTIFICATION

- Devops Zero to Hero - Train with Shubham *Jan-May 2025*
- AWS Certification - Eduonix *Jan - March 2025*
- Udemy logo AWS Certified DevOps Engineer Professional - Complete Guid - Udemi *March 2025*
- Google Crash Course Python - Google *July 2024*