

Mukesh Chaudhary

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[portfolio website](#) | [github profile](#) | [linkedin profile](#)

PROFILE SUMMARY

Dedicated DevOps Engineer with a solid background in AWS cloud infrastructure, container orchestration (Docker, Kubernetes), and automated CI/CD & GitOps workflows. Skilled in automating infrastructure with Terraform, securing delivery workflows using DevSecOps practices, and managing observability with Prometheus and Grafana. Proven track record in streamlining application deployments, improving system reliability, and standardizing deployment environments.

SKILLS

- **Cloud & Infrastructure as Code (IaC):** AWS (EC2, EKS, VPC, S3, IAM), Terraform, Ansible
- **Containers & Orchestration:** Docker, Kubernetes, Helm, ArgoCD (GitOps)
- **CI/CD & DevSecOps:** Jenkins, GitHub Actions, GitLab CI, SonarQube, Trivy
- **Monitoring & Observability:** Prometheus, Grafana
- **Languages & OS:** Python, Bash/Shell Scripting, Linux, MySQL, PostgreSQL

WORK EXPERIENCE

Meditab Software Inc. | Ahmedabad, Gujarat

Deployment Analyst Trainee | Oct 2025 – Mar 2026

- Managed enterprise application deployments across staging and production environments, ensuring high availability and zero-downtime rollouts.
- Configured and optimized web server environments, application pools, and network bindings to support high traffic volumes.
- Automated routine operational maintenance and scheduled background workflows, reducing manual engineering intervention by 30%.
- Collaborated closely with cross-functional QA and Development teams to streamline deployment release cycles and resolve post-release issues

Codesentinel | Remote

DevOps Intern | Aug 2025 – Oct 2025

- Engineered end-to-end automated CI/CD pipelines using GitLab CI and GitHub Actions, cutting build and release turnaround time.
- Containerized multi-tier applications using Docker and optimized Dockerfiles with multi-stage builds to standardize dev/prod environments.
- Implemented cluster monitoring and alert rules utilizing Prometheus and Grafana to track container metrics, node health, and uptime.

KEY PROJECTS

MedVault — Cloud-Native Healthcare SaaS Platform (GitOps & DevSecOps)

[\[GitHub Repo Link\]](#)

- Built a multi-stage Docker build with NGINX SPA routing, reducing production image size from over 1GB to ~25MB using Alpine Linux.
- Implemented declarative Jenkins CI pipelines covering automated code linting, dynamic image tagging, and automated Aqua Trivy vulnerability scans for HIGH/CRITICAL CVEs.
- Packaged full Kubernetes manifests into version-controlled Helm charts with custom values.yaml for zero-downtime RollingUpdate deployments and Horizontal Pod Autoscaling (HPA).
- Established a GitOps continuous delivery workflow using ArgoCD to enforce Git as the single source of truth, enabling automated drift detection and self-healing cluster sync.

EasyShop — Microservices E-Commerce Platform on Kubernetes

[\[GitHub Repo Link\]](#)

- Automated the containerized deployment of e-commerce microservices onto an AWS EKS cluster with Terraform-managed cloud resources.
- Implemented secure ingress routing using NGINX Ingress Controller and automated TLS/SSL certificate lifecycle management via Cert-Manager.
- Set up automated CI workflows with GitHub Webhooks, Jenkins, and DockerHub for automated artifact tagging and push upon repository commits.

EDUCATION

Silver Oak College of Engineering and Technology, Ahmedabad

Bachelor of Technology in Computer Engineering | CGPA: 8.72 | 2021 – 2025

ACHIEVEMENTS & HIGHLIGHTS

- **Academic Excellence:** Maintained a top academic record with a **CGPA of 8.72/10** in B.Tech Computer Engineering.
- **Cloud Architecture & Automation:** Successfully built and deployed a production-ready healthcare SaaS platform (**MedVault**) utilizing GitOps (ArgoCD) and Helm, cutting container image size by over 95% via multi-stage builds.
- **Continuous Upskilling:** Completed an intensive **DevOps Zero to Hero Bootcamp (Jan–May 2025)** and comprehensive AWS DevOps training track, gaining production-grade competency in Docker, Kubernetes, and CI/CD pipelines.
- **Process Optimization:** Automated routine deployment workflows and server monitoring during internship tenure, reducing manual operational overhead by **30%**.

TRAINING & CERTIFICATIONS

- **DevOps Zero to Hero Bootcamp** – Practical Cloud & DevOps Architecture (2025)
- **AWS Certified DevOps Engineer (Training Track)** – Udemy (2025)
- **Crash Course on Python** – Google / Coursera (2024)