

Dhairya Patel

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TECHNICAL SKILLS

Cloud Platforms: AWS, GCP

Infrastructure as Code: AWS SAM/CloudFormation, Terraform

CI/CD: Github Actions, Bitbucket Pipelines, Jenkins

Containerization: Docker, Kubernetes

Configuration Management: Familiar with Ansible and Chef concepts

Programming & Scripting: Python, C, C++, Bash/Linux, Powershell

Other tools: Git, Unreal Engine, CLO3D

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (In Progress)

PROFESSIONAL SUMMARY

Cloud / DevOps Engineer with **over 2 years of hands-on experience** building, automating, and operating cloud-native platforms in production environments. Proven track record across **AWS and GCP**, implementing **IaC, CI/CD, GitOps, Kubernetes, and FinOps** to improve deployment speed, reliability, security, and cost efficiency. Strong focus on operational excellence, developer enablement, and scalable cloud architecture.

EXPERIENCE

Cloud Engineer

Jan 2025 – Jun 2026

IAMOPS India Pvt. Ltd.

Pune, Maharashtra

- Automated and managed multi-environment serverless infrastructure using AWS CloudFormation (IaC) and SAM (Serverless Application Model), cutting deployment time from **hours to minutes**.
- Implemented **deployment automations** using Bitbucket Pipelines (CI/CD), reducing deployment overhead for developers.
- Managed day-to-day Kubernetes platform operations across **EKS and GKE**, including service onboarding, namespace management, secret troubleshooting, and stateful service setup.
- Implemented **Argo CD** “App of Apps” GitOps pattern to modularize Helm deployments per developer environment, reducing deployment time by **90%**.
- Deployed and managed production-grade web applications using **Terraform** and **GitHub Actions** (CI/CD), reducing manual efforts by **80%**.
- Built self-service **Jenkins** automations enabling QA teams to independently start/stop Kubernetes-based development environments, reducing DevOps operational dependency.
- **Centralized observability across 6 AWS/GCP environments** by migrating metrics and logs from Grafana/Loki/Mimir to Coralogix with dynamic multi-environment dashboards.
- Re-architected WAF log ingestion using Amazon Data Firehose and Coralogix, reducing logging costs by **\$700/month** while protecting business-critical observability during DDoS attacks.
- Configured real-time monitoring and alerting with **Grafana, Loki (ELK alternative), and Mimir** to centralize metrics and logs across environments, improving incident response time.
- Reduced annual cloud spend for a client by **\$15,000** in total through FinOps initiatives, including resource cleanup, and rightsizing for workloads.
- Conducted comprehensive AWS and GCP infrastructure audits manually and using Scout Suite, across development, staging, and production environments, identifying and remediating over **200** security misconfigurations, resulting in **successful onboarding of a client** for the company’s DevOps and DevSecOps services.
- Monitored client cloud environments in **real-time** as part of weekly shifts within a **24/7 NOC** (Network Operations Center), ensuring proactive detection, escalation, and resolution of incidents.
- **Onboarded a client** to 24/7 NOC by configuring AWS Shield Advanced, WAF, proactive DDoS alerts (and their playbooks), and an escalation matrix, enabling coordination with AWS SRT (Shield Response Team) during DDoS attacks.

- Created and maintained **operational runbooks and deployment documentation** to standardize incident response and environment onboarding.

Software Developer Intern

May 2024 – Jan 2025

Metawear

United States

- Built a complete 3D virtual fashion platform from scratch, integrating digital garments from CLO3D into Unreal Engine 5 for realistic cloth simulation on Metahumans, and delivering an end-to-end prototype within **6 months**.
- Designed and simulated clothing patterns in CLO3D and configured physics parameters to achieve **accurate, natural fabric behavior** during movement.
- Created a **virtual studio** in Unreal Engine 5 that allowed users to preview and simulate garments on moving Metahumans.
- Designed and implemented a **full-featured UI** with a digital catalogue and cart system for selecting and visualizing clothing assets on the Metahumans.

EDUCATION

A. D. PATEL INSTITUTE OF TECHNOLOGY (ADIT)

Anand, Gujarat

B.Tech in Artificial Intelligence and Data Science (CGPA: 8.58)

2021 - 2025

CO-CURRICULAR ACTIVITIES

Participated in Azadi Ka Amrit Mahotsav Hackathon

Oct 2022

ADIT

V V Nagar, Anand

- Led a team in a 36-hour nonstop regional-level hackathon, ranking 3rd in our college. We developed a user-friendly Face Recognition System in Python.

EXTRACURRICULAR ACTIVITIES

National Cadet Corps

Sep 2022 – Feb 2025

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V V Nagar, Anand

Lance Corporal

May 2023 - Feb 2025

- Shortlisted after a 3-month competitive training and evaluation process to represent Gujarat at the All India Thal Sainik Camp 2023, held in Delhi.
- Trained and mentored junior cadets for national-level NCC camps, focusing on discipline and physical endurance.

Senior Division Cadet

Sept 2022 - May 2023

- Underwent rigorous military training, including physical workouts, weapon handling, and live shooting exercises.
- Attended the national-level Army Attachment Camp, living and training with an active Indian Army regiment to experience routines, drills, and regimental discipline.