

# DHAIRYA PATEL

Gandhinagar, Gujarat • dhairya00798@gmail.com

<https://dhairyapatel.in> | [LinkedIn](#)

## SUMMARY

Results-driven DevOps Engineer with 3.6+ years of experience building and maintaining scalable cloud infrastructure. Proven track record of implementing CI/CD pipelines, infrastructure as code, and automation to improve efficiency and reliability. Skilled in **AWS, Azure, Terraform, Docker, Linux, Kubernetes, and scripting languages**. Collaborative team player adept at working cross-functionally to deliver high-quality solutions on time and under budget.

## STRENGTHS AND EXPERTISE

AWS	ELK Stack	Kubernetes
Azure	Prometheus	Github Actions
Terraform	Grafana	Jenkins
Docker	Azure DevOps	GitLab CICD

## WORK EXPERIENCE

### IQ Infinite Private Limited

June 2024 - Dec 2024

- Architected and developed **50+ reusable Terraform modules**, streamlining cloud infrastructure deployment and ensuring consistent infrastructure-as-code practices
- Implemented Amazon Connect contact center solutions and Lex chatbots using both Terraform and **AWS CDK (Python)**, enabling automated customer service capabilities
- Orchestrated and maintained **50+ GitHub Actions pipelines**, ensuring reliable CI/CD processes and automated deployments
- Designed and deployed scalable Azure infrastructure including **Virtual Networks, VMs, Application Gateway with WAF policies, and Container Apps** for microservices architecture
- Set up **Azure Key Vault** for secure secrets management and integrated it with various applications for automated certificate management.
- Optimized application delivery using **Azure CDN and Front Door services**, improving global content delivery and application performance.
- Implemented comprehensive monitoring solutions with **Azure Application Insights and Log Analytics**.

### DevOps Engineer, Starline Techno

July 2022 - June 2024

- Infrastructure Creation: Lead the creation and management of scalable infrastructure using Terraform, ensuring agility and efficiency
- Deploying and managing 50+ Dotnet based microservices** application on linux server.
- AWS Account Management: **Oversee four AWS accounts**, establishing seamless connections through Transit Gateway and private subnets for optimized resource utilization.
- Container Orchestration: Specialize in creating Docker images for services and orchestrating their deployment on **AWS ECS** for efficient container management.
- CI/CD Pipelines: Implement robust CI/CD pipelines with **AWS CodeBuild and CodePipeline** for frontend applications, ensuring rapid and reliable software delivery.
- Secure Database Connections: Successfully implement secure connections between **MongoDB** clusters and AWS private subnets through **VPC peering**.
- AWS Services Expertise: Demonstrate expertise in various AWS services including **ALB, CloudFront, S3, EC2, ECS, ECR, CloudWatch, EBS, EFS, VPC, and Lambda Api Gateway, Transit Gateway**

- **Infrastructure as Code (IaC):** Deploy everything with Terraform, adhering to Infrastructure as Code principles for consistency and reproducibility.
- **Frontend Deployment:** Lead the deployment of frontend applications from **S3 buckets to CloudFront, incorporating robust security measures with WAF.**
- **Monitoring with Prometheus and Grafana:** Proactively monitor servers and ECS using Prometheus and Grafana, contributing to robust system management.
- **Automation Excellence:** Showcase commitment to automation excellence, streamlining development workflows and ensuring efficient code deployment.
- **Implemented CI/CD pipeline** for frontend applications, resulting in a 50% reduction in deployment lead time.
- **Successfully automated 75%** of infrastructure provisioning tasks using Terraform.
- **Automated infrastructure provisioning** for 100+ EC2 instances in AWS using Terraform modules, reducing manual configuration time by 80%.
- **ELK Stack Implementation:** Implement the ELK stack (Elasticsearch, Logstash, Kibana) for comprehensive logging

### Freelancer

Jan 2021 - Jun 2022

- **CI/CD Pipeline Implementation:** Showcase expertise in end-to-end CI/CD pipeline implementation using Github Actions, Jenkins, Ansible, and Docker for seamless automation.
- **ELK Stack Implementation:** Implement the ELK stack (Elasticsearch, Logstash, Kibana) for comprehensive logging, seamlessly integrating with CloudWatch for enhanced monitoring.
- **Cloud Infrastructure Provisioning:** Demonstrate proficiency in creating, configuring, and maintaining infrastructure on AWS Cloud services, including VPC, EC2, RDS, S3, Route53, SNS, CloudFront, CloudWatch, and IAM.
- **Leveraging Terraform** to provision and manage infrastructure on AWS, including VPCs, EC2 instances, RDS databases, S3 buckets, Route53 domains, SNS notifications, CloudFront distributions, CloudWatch monitoring, and IAM roles.
- **Set up Azure Storage solutions** including Blob storage, File shares, and Queue storage for various client requirements
- **Designed and implemented high-availability solutions** using Azure Load Balancer and Application Gateway.
- **Deployed and managed Azure Container Apps** for containerized applications
- **Created automated deployment pipelines** using Azure DevOps for client applications.
- **Implemented security best practices** including Azure WAF policies, NSG rules, and Key Vault integration.
- **Established monitoring and alerting systems** using Azure Monitor and Log Analytics.

### CERTIFICATION

AWS Certified DevOps Professional

Sep 2024 - Sep 2027

AWS Certified Developer Associate

March 2024 - March 2027

HashiCorp Certified: Terraform Associate (003)

Jun 2023 - Jun 2025

### EDUCATION

Bachelor of Engineering in Computer engineering

2021 - 2024

Diploma in Computer Engineering

2018 - 2021

### ADDITIONAL INFORMATION

- **Problem-Solver:** Proven ability to identify and troubleshoot technical challenges, finding innovative solutions to keep systems running smoothly.
- **Team Player:** Collaborative and communicative, fostering strong relationships with developers and other stakeholders.
- **Language:** English, Hindi, Gujarati