

Dhruv Patel

DevOps Engineer

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SUMMARY

DevOps Engineer with 2+ years Specializing in Scalable Cloud Infrastructure, CI/CD automation, and Kubernetes-based Deployments. Improved Deployment efficiency by 40%, Reduced manual Deployment effort by 60%, and System reliability through automated Monitoring and Alerting. Experienced in troubleshooting 20+ production issues and driving infrastructure automation and operational excellence.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (IAM, EC2, S3, VPC, RDS, Cloudwatch, EKS, Rout53) Azur , Terraform

Containers & Orchestration: Docker, Kubernetes, Helm

CI/CD & Version Control: GitHub Actions, Jenkins, Git

Programing: Golang, Python, SQL

EXPERIENCE

NexTechnologies Labs Private Limited

Surat, India

DevOps Engineer

Sep 2024 – May 2026

- Provisioned and managed scalable cloud infrastructure across **6+ AWS services (EC2, IAM, VPC, S3, Cloud-Front, EKS)** to ensure secure network isolation and high availability.
- Engineered modular **Kubernetes** architectures utilizing **5+ primitives (Deployments, Pods, Services, ConfigMaps, ClusterIP networking)** for containerized microservice workloads.
- Optimized **Kubernetes** container resource allocation, cutting pod memory usage by **25% (80Mi to 60Mi)** while preserving full application stability and performance.
- Created CI/CD deployment pipelines using **GitHub Actions** to achieve a **40% increase in deployment efficiency** and eliminate **60% of manual deployment effort**.
- Standardized release management and automated the deployment of **4+ critical platform components (Prometheus, Grafana, Kafka, and internal services)** using **Helm charts**.
- Built cluster security and governance by enforcing **100% role-based access control** through strict **Kubernetes RBAC** policies.
- Configured and hardened **NGINX reverse proxies** on Linux nodes for secure traffic routing, load distribution, and end-to-end **SSL/TLS termination**.
- Boosted asset delivery performance by deploying global static content distribution across **3+ integrated platforms (Amazon S3, CloudFront CDN, Strapi)**.
- Built full-stack observability with **Prometheus** metrics scraping and real-time **Grafana** dashboards to accelerate incident triage and root cause analysis.
- Resolved critical production incidents by driving technical triage across **cross-functional teams** (engineering, QA, support) and enterprise clients.
- Engineered **Enterprise cybersecurity products** (Fusion VPN, Data Privacy Protection) in and delivered production-ready **MSI packages** via **Advanced Installer**.

PROJECTS

AstraLink

- Engineered scalable deployment infrastructure for a smart home SaaS ecosystem supporting **6.6M+ users** with a **\$2M+ USD valuation**.
- Standardized microservice release pipelines by integrating **Docker, Kubernetes, and AWS EKS** for container management and distribution.
- Secured sensitive application configurations with **100% centralized governance** using **AWS SSM Parameter Store**.

Fusion Data Secure

- Automated build and release pipelines to package, sign, and distribute **100% production-ready MSI deployment builds** across enterprise client endpoints using **Advanced Installer**.
- Deployed and maintained secure multi-platform application infrastructure spanning **Windows, FDS VPN routing**, and endpoints data protection services.

EDUCATION

Master of Science (Information Technology)

2019 – 2024

Veer Narmada South Gujarat University