

# Dilip Kumar

DevOps and Cloud Engineer

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## Summary

Experienced DevOps and Cloud Engineer adept in Kubernetes orchestration and cloud infrastructure management. Skilled in automating deployment, optimizing scalability, and implementing CI/CD pipelines using Jenkins for CI and ArgoCD for CD. Proficient in Terraform, Docker, Kubernetes, and Python for automation.

Single-handedly managed the entire cloud infrastructure, deployments, and operations across AWS and GCP for a fintech company, supporting multiple high-profile clients while ensuring high availability, security, and scalability.

## Education

**Indian Institute of Information Technology Vadodara**, Gandhinagar, Gujarat  
Bachelor of Technology in Information Technology – May 2024

## Work Experience

**DevOps/Cloud Engineer (Full-Time) – Decimal Technology** *Mar. 2025 – Present*

- Migrated 120+ EC2, 15+ RDS, and 10+ S3 to AWS in 3 days with zero downtime using Python scripts and AWS CLI.
- Configured Redis/RabbitMQ clusters with VPC-restricted security groups and deployed EKS/RDS in private subnets.
- Deployed containerized apps on EKS with Ingress/Deployment YAMLs (React, Node.js, ML services).
- Automated CI/CD pipelines with Jenkins; set up ALB and Route 53 integration.
- Handled GCP-to-AWS migration using SCP/TAR and SQL dumps.

**DevOps/Cloud Intern – Decimal Technology** *Jul. 2024 – Feb. 2025*

- Managed entire DevOps/cloud infrastructure, including provisioning, orchestration, CI/CD, and production support.
- Migrated portal from company AWS to client AWS account; included EC2, RDS, S3, Lambda, and app config.
- Set up Kubernetes with YAML manifests; implemented GitOps with ArgoCD and CI/CD pipelines.
- Moved apps from EC2 to EKS and created full deployment pipelines with Jenkins and ArgoCD.
- Used Terraform to automate AWS services (VPC, NAT, EC2, ALB, ASG, etc.)

## Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, EKS, RDS, ECR, VPC, Load Balancer, Route 53, Cognito, Lambda, IAM)
- **Containerization:** Docker, Kubernetes
- **CI/CD:** Jenkins, ArgoCD
- **IaC:** Terraform
- **Languages:** Python, Bash/Shell, SQL
- **Technologies:** Node.js, Express.js, MongoDB
- **Monitoring:** Prometheus, Grafana
- **Tools:** Linux Shell, VS Code