LAVI SINGODIYA

Senior Cloud Engineer

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github.com/lavisingodiya *(Project Repos, CI/CD templates, Kubernetes configs)* | linkedin.com/in/lavisingodiya

PROFESSIONAL SUMMARY

Senior Cloud Engineer with 2+ years of experience designing and operating enterprise-grade AWS and Azure infrastructure. Built production DC-DR architecture for banking workloads achieving near-zero downtime, reduced deployment cycles by ~60% through CI/CD automation, and sustained 99.9% uptime SLA across high-traffic cloud environments. Specializes in Kubernetes orchestration, GitOps delivery, cloud security hardening, and cross-functional incident management in regulated industries.

KEY HIGHLIGHTS

- Sustained **99.9% SLA uptime** across enterprise AWS environments while managing **100+ weekly production incidents**
- Reduced deployment time by **~60%** through CI/CD pipeline automation and release standardization
- Architected **DC-DR failover infrastructure** achieving near-zero downtime for critical banking workloads
- Delivered **5+ enterprise Power Platform solutions** serving **500+ users**, saving 10+ hours/week per automated workflow
- Executed cloud cost-optimization strategies reducing unnecessary resource expenditure by **~20%**

TECHNICAL SKILLS

Cloud Platforms: AWS, Microsoft Azure, Oracle Cloud

Containers & Orchestration: Docker, Kubernetes (EKS), ECS, Helm, Argo CD

CI/CD & Automation: Jenkins, GitHub Actions, Terraform, Bash, PowerShell

Monitoring & Logging: Datadog, New Relic, ELK Stack, AWS CloudWatch, Opsgenie

Security & Compliance: IAM, RBAC, WAF (ModSecurity/OWASP CRS), VPN (IPsec), TLS/SSL, Azure AD, CIS Hardening, GDPR, ISO 27001

Programming: Python, Bash, PowerShell, C++

Databases: MySQL, RDS, SQL Server

Microsoft Ecosystem: Power Apps, Power Automate, SharePoint, Dataverse, Microsoft 365

PROFESSIONAL EXPERIENCE

Raptbot Technologies Pvt. Ltd. — *Senior Cloud Engineer*   Sep 2025 – Present

Project: CloudOps Enterprise Infrastructure Monitoring (AWS)

- Monitor and optimize large-scale AWS infrastructure sustaining **99.9% uptime SLA**
- Manage **100+ weekly incidents** via Opsgenie with defined acknowledgment and resolution SLAs
- Deliver root cause analyses (RCA) and escalation handling, continuously improving team incident response efficiency
- Implement observability stack (Datadog, ELK, CloudWatch, New Relic) for metrics, logs, alerting, and anomaly detection
- Serve as **Shift Owner**, coordinating priorities and escalations across a 12-member cross-functional team
- Maintain operational runbooks in Confluence and track delivery workflows through Jira

Project: DevOps Automation & Infrastructure Modernization

- Reduce deployment time by **~60%** through Jenkins CI/CD pipeline automation and release standardization
- Deploy and manage scalable microservices using Docker and **Kubernetes (EKS)** with Helm chart templating
- Implement **GitOps workflows** via Argo CD ensuring consistent, auditable, and automated delivery
- Automate infrastructure provisioning using **Terraform**, cutting environment setup time from hours to under 15 minutes
- Integrate Trivy and SonarQube security scanning into CI/CD pipelines for shift-left security coverage
- Apply CIS benchmark hardening across Linux and Kubernetes workloads; reduce cloud spend by **~20%**

BM Infotrade Pvt. Ltd. — *Cloud Engineer* — Sep 2024 – Sep 2025

Project: Banking Application DC-DR Architecture (AWS)

- Designed production-grade **High availability and Disaster Recovery (HA/DR) architecture** enabling near-zero downtime failover for banking workloads
- Designed VPC networking architecture with ALB load balancing, Auto Scaling groups, Route53 failover routing, and cross-region VPC peering for resilient multi-region delivery
- Established real-time database synchronization between primary and DR regions; automated patch management via AWS Systems Manager
- Achieved and maintained **99.9% availability SLA** through regular failover drills and live operations

Project: Multi-Tenant SaaS Infrastructure (Microsoft Azure)

- Architected secure multi-tenant cloud environments supporting multiple client versions with **99.9% uptime**
- Deployed Azure VMs, VNets, Load Balancers, Availability Sets, and Storage Accounts at enterprise scale
- Implemented **Azure Bastion Jump Server** reducing unauthorized access risk by **~90%**
- Strengthened network security via WAF (OWASP CRS), IPsec VPN, RBAC, and DMZ segmentation; aligned to **GDPR** and **ISO 27001**
- Conducted Vulnerability Assessments and enforced CIS baselines across all tenant infrastructure

Project: Process Automation & Cloud Migration

- Developed **5+ enterprise Power Platform solutions** (Power Apps + Power Automate) serving **500+ users**, reducing manual processing time by **10+ hrs/week** per workflow
- Led Azure tenant-to-tenant migrations of VMs, databases, storage, and networking with **less than 2 hours** total downtime across all workloads
- Deployed and configured Active Directory for **200+ users** with hybrid Azure AD integration, reducing onboarding time by **~40%**

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- Cisco Networking Academy – Introduction to Cyber Security
- NPTEL – Cloud Computing – Silver Medal
- Microsoft Learn – System Administration Essentials

EDUCATION

Bachelor of Computer Application – Artificial Intelligence & Data Science — GPA: 8.23

Poornima University, Jaipur