

SHIVANG KATARIA

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience designing, deploying, and operating highly available, cloud-native enterprise and fintech platforms at scale. Strong expertise in AWS EKS, CI/CD automation, Infrastructure as Code (Terraform), observability, security, and disaster recovery. Proven ability to modernize monolithic systems into microservices, implement GitOps workflows, and enforce regulatory-grade reliability, security, and compliance for mission-critical workloads.

SKILLS

- Cloud Platforms & Networking:** AWS (EKS, EC2, VPC, IAM, ALB/NLB, S3, CloudWatch), Azure (VMs, Backup, DR, Azure DevOps)
- Containers & Orchestration:** Kubernetes (EKS), Docker, Helm, Cluster Autoscaling, Ingress Controllers, Service Networking
- CI/CD & Release Engineering:** Jenkins, ArgoCD, GitHub Actions, Azure Pipelines, GitOps, Blue-Green & Canary Deployments
- Observability & SRE:** Prometheus, Grafana, Loki, Alertmanager, Centralized Logging, SLIs/SLOs, Incident Management
- Scripting & Tooling:** Bash, Python, Git, Linux, YAML

RELEVANT EXPERIENCE

Webmob Software Solutions

January, 2024-Present

DevOps Engineer

- Led the modernization of a \$4B+ daily trade fintech platform, migrating from **monolithic architecture to 100+ microservices on AWS EKS**, significantly improving scalability and deployment frequency.
- Designed and implemented enterprise-grade CI/CD pipelines using **Jenkins, Github Actions, Bitbucket Pipelines and ArgoCD**, enabling automated, GitOps-driven deployments across multiple environments.
- Executed a **zero-downtime regional migration of production workloads** from AWS Singapore to Malaysia, improving latency and ensuring regulatory compliance.
- Built a centralized observability platform using **Prometheus, Grafana, and Loki**, reducing Mean Time to Detect (MTTD) by **40%** and improving operational visibility.
- Implemented automated disaster recovery pipelines leveraging **Azure DevOps, achieving RTO < 30 minutes and RPO < 60 minutes**.
- Enforced fintech-grade security and reliability controls, including **SIEM monitoring, WORM log retention**, audit trails, access governance, and **SLI/SLO-based service reliability**.
- Collaborated with **cross-functional engineering teams, client stakeholders, and vendors** to deliver scalable, secure, and resilient infrastructure.

Meraki Ads

June, 2023-December.2023

Technical Associate

- Supported **deployment, hosting, and automation of client-facing applications**, working closely with development teams to improve delivery pipelines and platform stability.
- Automated operational workflows using **Bash and Python**, reducing manual intervention and operational errors by 30%.
- Coordinated with **cloud providers, vendors, and internal stakeholders** during infrastructure upgrades, migrations, and maintenance windows.

EDUCATION

Thapar Institute of Engineering & Technology
Bachelors of Engineering in Computer Science

2021-2024

Central Scientific Instruments Organization(CSIO-CSIR)
Diploma in Electronics Engineering

2018-2021