

KUNAL MANE

DevOps & Cloud Engineer

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SUMMARY

Career transitioner moving from a 7+ year background in healthcare operations into DevOps and Cloud Engineering. Completed an Advanced DevOps & Cloud Computing Fellowship (DevOps Institute Mumbai, IIT Patna iHUB partner) and built hands-on, production-grade personal projects — including GitOps infrastructure on AWS EKS with ArgoCD (App-of-Apps), Terraform, Helm, and a full observability stack (Prometheus, Grafana, Loki, Tempo). Brings proven cross-functional delivery, process ownership, and team leadership skills from healthcare operations, now applied to building reliable, automated, cloud-native systems. Adept at translating complex business requirements into high-availability architecture while ensuring zero-downtime application deployments.

TECHNICAL SKILLS

Cloud & IaC: AWS (EKS, EC2, VPC, IAM, ALB, EBS), Terraform

Containers & Orchestration: Docker, Kubernetes, Helm

CI/CD & Automation: ArgoCD, GitHub Actions, Ansible, Bash, Python

Observability & Reliability: Prometheus, Grafana, Loki, Tempo, OpenTelemetry, Alertmanager

Platforms & Databases: Linux, MSSQL/SQL Server, Java, JavaScript, React JS

PROJECTS

GitOps Infrastructure for a MERN Todo App on AWS EKS — Personal Project

- Designed and deployed production-grade CI/CD pipelines and GitOps infrastructure on AWS EKS using an App-of-Apps ArgoCD pattern, managing AWS ACM/cert-manager, Prometheus, Grafana, the EBS CSI driver, and custom Helm charts for the React frontend, Node.js backend, and MongoDB
- Built a full observability stack (Prometheus, Grafana, Loki, Tempo, OpenTelemetry) with Alertmanager routing to email and Slack by severity
- Implemented a cost-optimized 2-AZ VPC/EKS architecture with a MongoDB replica set (2 data members + 1 arbiter) and Cluster AutoScaler for dynamic node scaling
- Diagnosed and resolved production incidents including ArgoCD sync-wave deadlocks, ALB provisioning failures, MongoDB replica set recovery, and probe misconfigurations causing stuck backend pods
- Maintained a two-repo GitOps layout separating Helm charts from ArgoCD Application manifests, with environment-specific values files
- Integrated real-time data ingestion using the GitHub API and optimized web delivery through SEO metadata, sitemaps, and schema configuration

Personal Portfolio Website — Personal Project

- Built a production-grade, multi-file static portfolio site featuring an animated GitOps pipeline architecture diagram, a filterable project gallery with GitHub API integration, and full SEO implementation (Open Graph, Twitter Card, schema.org, sitemap)

PROFESSIONAL EXPERIENCE

Client Specialist — Access Healthcare Services Pvt Ltd, Mumbai

Jan 2019 – Present

- Led requirement gathering, system analysis, and functional specification for healthcare service delivery, consistently exceeding volume targets while maintaining strict accuracy standards
- Guided and supported a 14-person team on production, documentation, and compliance best practices
- Coordinated with cross-functional teams to deliver milestones on schedule, sustaining high throughput during peak periods — experience directly transferable to coordinating releases and incident response across engineering teams
- Resolved complex operational issues with 100% accuracy, drawing on strong interpersonal and problem-solving skills to sustain service reliability

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Advanced DevOps & Cloud Computing Fellowship** — DevOps Institute Mumbai (IIT Patna iHUB Partner), Jan 2026 – Jun 2026

EDUCATION

- Bachelor's in Computer Science** — SST College, Ulhasnagar (Mumbai University), 2012–2015

ADDITIONAL INFORMATION

- Willing to relocate: Anywhere
- Currently building hands-on DevOps/Cloud projects to complement professional experience