Vaibhav Kumar MEHTA

LEAD DEVOPS ENGINEER | AWS CERTIFIED | TERRAFORM | KUBERNETES | CI/CD | MULTI-CLOUD ARCHITECT

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Neemuch, Madhya Pradesh	18 November 1989
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SUMMARY

DevOps Engineer with 10+ years of experience in designing, automating, and optimizing mission-critical deployments over cloud infrastructure. Proven track record of leading DevOps teams, building CI/CD pipelines, and managing infrastructure using Terraform, Kubernetes, and Ansible across AWS, GCP, and Azure. Strong background in backend and frontend development, enabling full-stack understanding of applications. Committed to building highly resilient, secure, and cost-efficient infrastructure through automation and observability.

SKILLS

- **Cloud:** AWS, GCP, Azure

- **Infrastructure as Code:** Terraform, Ansible, Helm, CloudFormation

- **CI/CD:** Jenkins, GitHub Actions, GitLab CI, Argo CD

- **Containers & Orchestration:** Docker, Kubernetes, Helm, Kustomize

- **Monitoring & Logging:** ELK Stack, Prometheus, Grafana, Datadog, New Relic, Loki, OpenTelemetry, **Model Metrics (Prometheus + FastAPI integration)**

- **Security & Compliance:** HashiCorp Vault, AWS KMS, IAM, RBAC, WAF, Snyk, Trivy, CIS Benchmarks, OPA

- **Scripting & Programming:** Bash, Python, Go, Java, Node.js, Groovy, YAML

- **Databases:** PostgreSQL, MongoDB, MariaDB, MySQL, ScyllaDB, Redis

- **Service Mesh & Networking:** Istio, Linkerd, Envoy Proxy, Nginx Ingress, Traefik

- **DevOps & Platform Tools:** Kafka, Elasticsearch, RabbitMQ, CloudFront, Spark, Nexus, Artifactory, Backstage, Crossplane

- **MLOps & Workflow Orchestration:** Kubeflow, MLflow, Airflow, dbt, **Model Packaging (Docker + FastAPI)**, **Model Drift Monitoring (Evidently AI / Sidecar patterns)**

- **Project & Agile Tools:** Jira, Confluence, Epics & Story Mapping, Sprint Planning, OKRs

- **Cost & Governance:** AWS Cost Explorer, CloudHealth, Terraform Sentinel, Spot.io

WORK EXPERIENCE

Jan 2023 CURRENT	**Lead DevOps Engineer at TookiTaki** , Bangalore/Singapore *Anti-Fraud and Anti-Money Laundering.	Fraud Prevention Platform.* • Led the design and implementation of Tookitaki's Compliance-as-a-Service (CaaS) platform, a SaaS solution for regulated banking workloads, enabling secure, scalable, and multi-tenant deployments. • Enabled deployment of AI/ML fraud detection models on Kubernetes by building reusable Helm charts and CI/CD workflows for data science teams. • Automated model packaging and containerization with Docker + FastAPI, ensuring consistency between research and production environments. • Integrated observability for ML models: captured prediction counts, latency metrics (Prometheus + Grafana), and prepared sidecar containers for drift detection with Evidently AI. • Designed pipelines for monitoring model performance, enabling early detection of drift and degraded accuracy in production. • Built CI/CD pipelines using Jenkins and GitHub Actions, reducing average deployment time from 30 to 12 minutes. • Deployed and managed containerized microservices on Kubernetes, achieving 99.99% uptime across production environments. • Collaborated cross-functionally with engineering, QA, and product teams to ensure infrastructure readiness, performance optimization, and rollout success.
Jul 2020 DEC 2022	**Lead DevOps Engineer at Sayurbox** , Indonesia *Translation results Fresh Daily Needs Online Shopping Site.	Cheap, Easy and Safe.* • Led a globally distributed DevOps team of 5, responsible for infrastructure, CI/CD, observability, and incident response. • Designed cloud-agnostic environments from scratch, integrating automation via Helm, Terraform, and custom scripts. • Reduced cloud costs by 25% through instance optimization, autoscaling policies, and rightsizing recommendations. • Established secure deployment workflows, audit logging, and multi-cloud policy enforcement.
Oct 2018 JUN 2020	**DevOps Engineer at Vogo Automotive** , Bangalore *Let's get going, shall we? a scooter rental platform* • Created automated build and release pipelines supporting container-based workloads on Kubernetes. • Managed application rollout across hybrid environments, integrating secrets, monitoring, and backup systems. • Supported scaling decisions and observability tooling across fleet infrastructure.

JUL 2017 OCT 2018	Software Engineer at Roambee Corporation , Ahmadabad *Real-Time Asset and Shipment Monitoring Services. | IOT*

- Developed real-time data dashboards with Angular and High-charts for IoT asset tracking systems.
- Participated in CI/CD automation, production deployment reviews, and containerized service integration.

DEC 2015 JUN 2017	Software Engineer at GROFERS, Bangalore *On-demand delivery service that connects consumers with local stores.*

- Maintained CMS for app content delivery, integrating Django APIs and optimizing static asset performance.
- Automated deployment and static build tasks with NPM, Bower, and custom shell scripts.

AUG 2014 NOV 2015	Software Engineer at AURIGA IT, Jaipur *Cutomize IT for You - Service Based.*

- Delivered mobile and web platforms using AngularJS, PHP, Node.js, Cordova, and Ionic.
- Implemented backend APIs, cloud resource provisioning, and custom devops tooling for client projects.

COURSES AND CERTIFICATES

- AWS Solution Architect certificate course Udemy Course

- Kubernetes Captain Best Practices

- GCP administrator GCP Associate Cloud Engineer - Google Cloud Certification

- Git Actions The Complete GitHub Actions and Workflows Guide

AREAS OF INTEREST

- Containerization and Orchestration (Docker, Kubernetes)

- MLOps and Infrastructure for Machine Learning Workloads (Kubeflow, MLflow, Sagemaker)

- AI/ML Integration in Cloud Environments and DevOps Pipelines

- Security, Compliance, and Cost Optimization in Cloud Infrastructure

EDUCATION

- **Master of Computer Applications (MCA)**, Rajasthan Technical University   *2012*
  Percentage: 69%

- **Bachelor of Computer Applications (BCA)**, Mohanlal Sukhadia University   *2009*
  Percentage: 71%