

RAGHUL M

DevOps / Platform Engineer | Kubernetes | Multi-Cloud | CI/CD | Observability

Bengaluru, Karnataka | ☎ +91 9385788019 | 📩 raghulvijay01@gmail.com | 💬 raghulm21 | 🌐 raghulvijay01

PROFESSIONAL SUMMARY

DevOps / Platform Engineer building and operating production CI/CD and cloud infrastructure across AWS, Azure, GCP, and Oracle Cloud. Strong in Kubernetes (Nutanix NKP, EKS, GKE, OKE), GitOps (Argo CD), IaC (Terraform, AWS CDK), and observability (Datadog, Prometheus/Grafana, OpenTelemetry). Delivered measurable impact: 40% faster deployments, 30% cost reduction, and 99.5% uptime for high-traffic systems.

EDUCATION

Parul University Online

MBA, Information Technology (**CGPA: 9.86**)

Jul 2024 – Present

Vadodara, India

Coimbatore Institute of Engineering and Technology

B.Tech, Information Technology (**CGPA: 8.92**)

Nov 2020 – May 2024

Coimbatore, India

WORK EXPERIENCE

Log-UsIMS Technologies Pvt. Ltd.

DevOps Engineer

May 2024 – Present

Bengaluru, India

- Built and maintained multi-cloud CI/CD pipelines across AWS, Azure, GCP, and Oracle Cloud using Jenkins and AWS CodePipeline; reduced deployment time by 40% and increased releases from weekly to daily.
- Integrated DevSecOps controls into pipelines (SonarQube, Snyk, Trivy, OWASP ZAP) to continuously scan code, containers, and IaC before production releases.
- Operated Kubernetes platforms (Nutanix NKP, EKS, GKE, OKE) with GitOps (Argo CD), managing 200+ containers across 15+ clusters while sustaining 99.5% uptime.
- Implemented IaC (Terraform, AWS CDK) for 500+ resources; improved provisioning speed by 85% and enforced compliance controls (PCI-DSS, SOC 2).
- Established observability (Datadog APM, Prometheus/Grafana, OpenTelemetry) across 50+ services; reduced MTTD by 55% and brought MTTR down to 15 minutes through actionable alerting and dashboards.
- Led cost optimization and incident response improvements, reducing infrastructure costs by 30% and recurring incidents by 45%; mentored junior engineers on Kubernetes, CI/CD, and IaC.

DevTown

Aug 2023 – May 2024

Business Development Associate

Bengaluru, India

- Managed outbound and inbound sales pipeline; closed new and expansion deals contributing to 25% revenue growth.
- Strengthened client relationships through clear communication and SLA-driven follow-ups, improving retention and renewals.
- Maintained CRM hygiene and performed market research to identify new segments, accounts, and partnership opportunities.
- Partnered with technical teams to translate requirements into service proposals and ensure successful onboarding.

TECHNICAL SKILLS

AI/ML & GenAI: Nutanix Enterprise AI, Oracle GenAI, RAG Patterns, Vector Databases (Pinecone, Weaviate), LLM Orchestration, Agentic Workflows, Prompt Engineering

DevSecOps: SAST (SonarQube, Snyk, Grype, Semgrep), DAST (OWASP ZAP, Trivy), OPA Policy-as-Code, Native Container Scanner, PFsense Firewall

Cloud Platforms: AWS (EC2, ECS, Lambda, EventBridge, SNS/SQS, S3, CDK, CloudFormation, X-Ray, CloudWatch), Azure (VMs, AKS, Pipelines, DevOps)

GCP (GKE, Cloud Functions, Pub/Sub, Cloud Build), Oracle Cloud (OCI, OKE, GenAI)

Container Orchestration: Kubernetes (Nutanix NKP, AWS EKS, GCP GKE, Oracle OKE), Docker, Helm Charts, ArgoCD, Kustomize, HPA/VPA

Infrastructure as Code: Terraform, AWS CDK, CloudFormation, Ansible, Pulumi

CI/CD: Jenkins, AWS CodePipeline, Azure Pipelines, GitLab CI/CD, GitHub Actions, Argo Workflows

Databases: MongoDB Atlas, PostgreSQL, Redis, Elasticsearch, Vector Databases, Nutanix Objects, S3

Observability: Datadog (APM, Logs, RUM, Synthetics), Groundcover, Prometheus, Grafana, OpenTelemetry, AWS X-Ray, CloudWatch, ELK Stack

Event-Driven: AWS Lambda, Cloud Functions, EventBridge, Pub/Sub, SNS/SQS, RabbitMQ, Apache Kafka, Step Functions

Programming: Python, Java, Bash, Go, FastAPI, RESTful APIs

Operating Systems: Linux (Ubuntu, CentOS, RHEL, Amazon Linux, Debian), Windows Server

Security & Compliance: IAM, RBAC, SCPs, MFA, PCI-DSS, SOC, CloudTrail, GuardDuty

PROJECTS

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Oxpay Financial Services Platform AWS ECS, Lambda, CDK, Jenkins | Jul 2025 – Present |
| <ul style="list-style-type: none">Designed a cloud-native financial platform on AWS (ECS) with CI/CD via Jenkins and AWS CodePipeline; improved deployment cycles by 40% with automated rollbacks.Built event-driven payment processing using AWS Lambda, EventBridge, and SNS/SQS for 100K+ daily transactions with sub-100ms latency; implemented AWS X-Ray tracing to cut debugging time by 50%.Implemented IaC using AWS CDK with security scanning, pfSense firewall, and S3 encryption to support PCI-DSS requirements; optimized stack creation time by 35% via parallel provisioning.Reduced infrastructure costs by 30% by optimizing ECS task placement (binpack/spread) and right-sizing task definitions while maintaining SLAs.Hardened access controls with IAM, SCPs, and audit logging (CloudTrail/CloudWatch); reduced security audit effort by 60% through automated compliance checks. | |
| Ren3 AI Platform Oracle Cloud, GenAI, Nutanix Enterprise AI | Jun 2025 – Present |
| <ul style="list-style-type: none">Led architecture and production deployment of a distributed AI platform supporting enterprise search and conversational AI using RAG, vector retrieval, and GPU-hosted LLM inference.Designed a low-latency RAG inference architecture combining semantic retrieval, embeddings pipelines, and context-aware generation for high-relevance responses at scale.Built a multi-region AI inference routing architecture to optimize latency, availability, and compute utilization across global cloud regions.Implemented production-grade reliability patterns using Kubernetes orchestration, a GitOps deployment strategy, and secure network isolation. | |
| Blinc Travel Platform GCP GKE, Cloud Run, Cloud Scheduler, Cloud SQL (PostgreSQL) | May 2024 – Dec 2024 |
| <ul style="list-style-type: none">Provisioned and managed production infrastructure on Google Cloud Platform supporting application workloads using GKE, Cloud Run, Cloud Scheduler, and Cloud SQL (PostgreSQL).Deployed and operated containerized services across GKE and Cloud Run, managing environment configuration, scaling policies, and production monitoring.Implemented scheduled background processing using Cloud Scheduler to run batch jobs, data sync workflows, and maintenance tasks reliably.Managed Cloud SQL PostgreSQL including provisioning, private networking, backups, and operational monitoring; supported deployments, scaling events, and incident troubleshooting. | |
| Mondee Travel Platform GCP GKE, Oracle OKE, Elasticsearch | Sep 2024 – Present |
| <ul style="list-style-type: none">Executed a phased multi-cloud migration from GCP to Oracle Cloud (OCI) for 50+ workloads with zero data loss; delivered 25% cost reduction (\$60K annually) using replication and DNS failover.Deployed an agentic AI application on Oracle OKE using prompt chaining, routing, and parallelization; improved recommendation accuracy by 35% and conversion by 18%.Built event-driven booking workflows using Cloud Functions, Pub/Sub, and RabbitMQ serving 10M+ daily API requests with 99.9% success rate and autoscaling.Integrated DevSecOps scanning (SonarQube, GCP Vul Scan, Oracle Vul Scanner, Grype, OWASP ZAP, Trivy) into release pipelines to reduce production vulnerabilities by 60%.Operated Elasticsearch (5TB+) for full-text search and near-real-time indexing; achieved sub-50ms queries and 99.95% availability.Improved incident response by 45% by implementing APM, metrics, and log aggregation with SLO tracking and proactive alerts. | |

CERTIFICATIONS

- The Joy of Computing Using Python — NPTEL (2022)
- Programming in Java — NPTEL (2021)
- Python Mega Course — Udemy (2021)

LANGUAGES

- English | Tamil (Native) | Kannada (Conversational) | Telugu (Basic)

ADDITIONAL STRENGTHS

- **Problem Solving:** Expert debugging with complex incident management, root cause analysis, and comprehensive postmortem documentation reducing recurring incidents by 45%
- **Learning Agility:** Continuous learner staying current with cloud-native technologies, AI/ML, GenAI, Kubernetes, and observability engineering through hands-on experimentation and certifications
- **Collaboration:** Strong cross-functional collaboration with development, security, data science, and product teams delivering mission-critical projects on tight deadlines
- **Leadership:** Mentor junior engineers on DevOps best practices, Kubernetes, CI/CD, and Infrastructure as Code, improving team productivity and knowledge sharing