

RISHAB DHAR

Senior Cloud Systems Engineer | DevOps & Platform Engineering

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PROFESSIONAL SUMMARY

Results-driven Senior Cloud Systems Engineer specializing in DevOps and Platform Engineering, with 6+ years architecting scalable, self-healing infrastructure across GCP and AWS. Expert in Kubernetes orchestration, Terraform-based Infrastructure as Code, and Python automation. Proven track record managing 700+ environments, cutting provisioning time by 70%, and reducing disaster-recovery time (RTO) from 4 hours to 2 hours. Deep experience building observability platforms and high-availability systems that eliminate operational toil at scale.

CERTIFICATIONS

- **KCNA — Kubernetes and Cloud Native Associate** — The Linux Foundation / CNCF | June 2026 [Verify credential](#)
- **KCSA — Kubernetes and Cloud Native Security Associate** — The Linux Foundation / CNCF | July 2026 [Verify credential](#)

TECHNICAL SKILLS

- **Cloud & Infrastructure:** Kubernetes (GKE, EKS), Docker, Terraform (IaC), GCP, AWS, IAM, Vault, Serverless
- **DevOps & CI/CD:** Jenkins, GitHub Actions, Git, Helm, ArgoCD, Maven/Gradle
- **SRE & Observability:** Prometheus, Grafana, ELK Stack, Alertmanager, GCP Cloud Monitoring, SLO/SLI Design, Incident Response (RCA), PagerDuty
- **Languages & Scripting:** Python (Boto3, Automation), Bash, SQL
- **Data Stores:** Google BigQuery, Cloud SQL, Google Datastore, PostgreSQL

PROFESSIONAL EXPERIENCE

Senior Cloud Systems Engineer

Manhattan Associates | Bengaluru, India | 2025 - Present

- **Platform Engineering & IaC:** Architected a modular Terraform-based IaC platform provisioning and maintaining 700+ distinct environments, cutting provisioning and maintenance time by 70%.
- **Resiliency & Alerting:** Built a high-availability outage-response framework with automated runbooks and SLO-driven alert deduplication, reducing alert noise and improving Mean Time to Resolution (MTTR).
- **Toil Reduction & Automation:** Automated manual provisioning workflows in Python, eliminating recurring toil and accelerating deployment cycles across engineering teams.
- **Observability:** Designed a granular observability stack (Prometheus, Grafana, Alertmanager) with custom SLIs/SLOs, enabling proactive anomaly detection ahead of customer impact.
- **Data Reliability:** Implemented real-time data replication with encryption and automated failover, ensuring consistency between internal and client environments.
- **Security & Compliance:** Hardened platform security through automated IAM access reviews, backup validation, and Disaster Recovery simulations, strengthening audit readiness and business continuity.

Cloud Systems Engineer

Manhattan Associates | Bengaluru, India | 2021 - 2025

- **Cloud-Native Development:** Built and maintained fault-tolerant, scalable cloud-native services on GCP and AWS, using Terraform for consistent, repeatable infrastructure provisioning.
- **Kubernetes Optimization:** Deployed and managed Spring Boot microservices on GKE, implementing workload rightsizing, native service discovery, health checks, and autoscaling to improve resource efficiency.
- **Event-Driven Architecture:** Built high-throughput, event-driven data pipelines using Cloud Functions, Pub/Sub, and BigQuery to support real-time data processing at scale.
- **Centralized Logging:** Developed centralized logging and monitoring pipelines using the EFK stack, Grafana, and Prometheus for real-time visibility into system performance.
- **Incident Management & RCA:** Led Root Cause Analysis for production incidents across distributed systems (Elasticsearch, RabbitMQ), building self-healing automation to prevent recurrence.
- **Traffic Management:** Configured NGINX load balancing and Blue-Green deployment strategies, minimizing downtime during high-traffic releases.

KEY PROJECTS

- **GCP Cross-Project Network Architecture & Peering** — Engineered secure, low-latency connectivity between isolated tenants using Shared VPCs and VPC Peering; automated firewall lifecycle management and zero-trust policy enforcement via Terraform, while optimizing inter-region traffic costs.
- **High-Throughput Data Streaming Pipeline** — Partnered with R&D to build multi-platform streaming solutions across BigQuery, PostgreSQL, Cloud SQL, and Pub/Sub; developed Terraform automation modules that reduced architectural setup effort by 80%.
- **GKE Disaster Recovery Automation** — Automated complex failover procedures using Bash and Jenkins pipelines, reducing DR execution time (RTO) from ~4 hours to ~2 hours and establishing repeatable, audit-ready recovery workflows.
- **Enterprise Observability & Incident Routing** — Engineered alert routing and high-signal recording rules across 700+ GKE clusters (Prometheus, Stackdriver), integrating PagerDuty for unified, rapid incident triage.

EDUCATION

Vellore Institute of Technology | Vellore, India

Bachelor of Technology in Electronics and Communications Engineering | 2016 – 2020

Relevant Coursework: Computer Networking, Computer Architecture, Digital Electronics, Coding.

AWARDS

- **MVP & Top Performer Awards:** Recognized consistently (quarterly/monthly) for ensuring reliable system performance and operational excellence during critical deployment phases.