Hrithik Kanugula

Platform Engineer – Cloud Infrastructure

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Platform Engineer with 3+ years of experience designing and managing secure, highly available cloud and on-premises platforms. Skilled in Kubernetes (GKE & on-premises), AWS, Azure, GCP, Terraform, Docker, and CI/CD (Jenkins, GitHub Actions, Spinnaker, ArgoCD). Experienced in observability (Prometheus, Grafana), automation with Python & Bash, and Infrastructure as Code. Currently supporting NPCI's Central Bank Digital Currency (CBDC) program to deliver scalable and resilient financial infrastructure.

Work Experience

DevOps Support Engineer
Spydra | Hyderabad

Sep 2025 - Present

Client: NPCI

- Supporting hybrid Kubernetes clusters (bare-metal + GKE) for CBDC workloads and assisting with standardized Helm releases across environments.
- Helping to configure Kafka clusters and integrations for event-driven systems and secure message flows.
- Assisting in setting up Grafana dashboards and Prometheus alerting to improve detection and response for infrastructure issues.
- Learning and participating in MariaDB administration (backups, point-in-time recovery, monitoring) to support high availability and data integrity.

DevOps Engineer
OpsMx | Hyderabad

Sep 2022 - Nov 2024

- Reduced deployment time by ~40% by redesigning and consolidating multi-cloud CI/CD pipelines (Jenkins, GitHub Actions → Spinnaker) across AWS and GCP.
- Deployed and maintained 15+ microservices using Helm; enforced namespace-level security and least-privilege RBAC policies to improve compliance and reduce risk.
- Implemented and scaled Prometheus/Grafana observability stack (high availability), created SLO-based alerts, and led L2 incident response for a Fortune 10 client, reducing MTTR for critical issues.
- Integrated Hadoop FS with Kubernetes API to automate big data ingestion and improve throughput for a credit application.

DevOps Intern
OpsMx | Hyderabad

Jun 2022 - Aug 2022

- Configured Spinnaker & ArgoCD for test environments, wrote pipeline scripts & debugged CI/CD issues.
- Supported incident triage and tool troubleshooting to ensure smooth DevOps workflows.

Core Skills

Core Skills: Kubernetes, GKE, on-premises K8s, Helm, RBAC, multi-region, AWS, VPC, IAM, Transit, Azure, GCP, Terraform, Docker, GitHub Actions, Jenkins, Spinnaker, Argo CD, Prometheus, Grafana, Slack/Email alerting, SAML, LDAP, IAM best practices, Python, Bash, Git/GitHub, Linux administration

Education

Institute of Aeronautical Engineering

Bachelor of Technology Computer Science & Engineering

Certificates

Akuity: Introduction to Continuous Delivery & GitOps using Argo CD

Linux Administration Training