

Hrithik Kanugula

Platform Engineer | Cloud Infrastructure | DevOps | Kubernetes | AWS | GCP | Terraform | CI/CD

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PROFESSIONAL SUMMARY

Versatile Platform Engineer with 3+ years of hands-on experience in **cloud infrastructure, bare-metal systems, and DevOps automation**. Expert in designing, deploying, and managing **scalable, secure, and highly available platforms** using **AWS, GCP, Anthos, Kubernetes (GKE), Terraform, Docker, Helm, Jenkins, and Git**. Adept in **CI/CD pipeline design, Infrastructure as Code (IaC), observability, and automation scripting (Python, Bash)**. Currently working at **NPCI (client) through Spydra**, focusing on **CBDC (Central Bank Digital Currency) project** with a combination of **bare-metal and cloud-native technologies**. Strong collaborator with proven ability to deliver enterprise-grade solutions in financial environments.

TECHNICAL SKILLS

Cloud & DevOps : AWS (Transit VPC and IAM), Kubernetes (multi-region and Helm), Jenkins, ArgoCD, Spinnaker
Big Data Exposure : Built Kubernetes Operator to integrate Credit Application with Hadoop FS
Scripting : Bash, Python – used in CI/CD pipelines, infrastructure automation, and observability tooling
Agile & Delivery : Worked in Agile teams, debugging, incident escalation, and KT sessions
Monitoring & Observability : Designed and tuned production-grade Prometheus, Grafana, and Slack alerting stacks
Version Control & CI/CD : Git, GitHub Actions, Jenkins pipelines for multi-cloud deployments
Security & Authentication : Integrated LDAP, SAML, implemented secure DevOps practices and RBAC in Kubernetes
Collaboration & Documentation: Partnered with cross-functional teams, delivered clear documentation, and drove knowledge transfer initiatives

EXPERIENCE

Devops Support Engineer

Sep '25 — Present

Spydra (Client: NPCI)

Hyderabad, India

- Working onsite at NPCI for the **CBDC Project**, managing hybrid environments (**bare-metal + cloud-native**).
- Deploying and managing applications on **Kubernetes (bare-metal & GKE)** with Docker and Helm charts.
- Managing **MariaDB and SQL databases** to support CBDC workloads.
- Implementing **Grafana** for observability and real-time monitoring.
- Writing automation scripts in **Python and Bash** for provisioning, monitoring, and troubleshooting tasks.

DevOps Engineer

Sep '22 — Nov '24

OpsMx

Hyderabad, India

- Automated CI/CD pipelines across **AWS & GCP**, reducing deployment time by **40%**.
- Managed Kubernetes clusters and deployed 15+ microservices using Helm.
- Created **Kube API integrations** connecting a **Credit App** with **Hadoop FS**.
- Built secure **multi-region Docker** deployments using AWS & Kubernetes.
- Deployed **highly available observability stack** (Prometheus/Grafana) for deep telemetry insights.
- Provided **L2 support for a Fortune 10 company**, managing incidents, debugging, and performance tests.
- Experience supporting **Big Data platforms** and building secure cloud-native pipelines.
- Supported REST API integrations, production debugging, and cloud workload optimization.
- Provided L2 support to a Fortune 10 client: handled performance testing, debugging, and incident escalation using FreshDesk.

DevOps Intern

Jun '22 — Aug '22

OpsMx

Hyderabad, India

- Set up and configured CI/CD tools including Spinnaker and ArgoCD in test environments.
- Assisted in writing and debugging pipeline scripts and test cases.
- Handled ticket triaging and timely resolution/escalation of internal tool issues.

PROJECTS

CBDC Project (NPCI)

- Managing **bare-metal and cloud-native deployments** with Kubernetes, Docker, Helm, MariaDB, Terraform, and Grafana. Involved in delivering highly available infrastructure for financial systems.

FinTech Cloud Deployment

- Integrated Jenkins, Docker, and Kubernetes to deploy to multiple cloud platforms using Spinnaker with enhanced security controls.
- Ensured API and security compliance during cloud-native CI/CD deployments.

Top 10 Fortune Client Monitoring & Support

- Provided L2 support including REST API testing, performance tuning, and metric analysis.
- Contributed to IAM setup, access audit automation, and on-call support across time zones.

EDUCATION

Bachelor Of Technology in Computer Science And Engineering, INSTITUTE OF AERONAUTICAL
ENGINEERING Hyderabad, India

CERTIFICATIONS

Certified by Akuity on Introduction to Continuous Delivery and GitOps using Argo CD
Linux Administrator Trainings