

GANGADHAR REDDY JURALA

DevOps Engineer

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PROFESSIONAL SUMMARY

Dynamic and detail-oriented DevOps Engineer with 3+ years of hands-on experience in managing large-scale, cloud-native infrastructures and enhancing CI/CD workflows. Proven success in Kubernetes security hardening, non-root containerization, and infrastructure automation using Bash, Python, and Golang. Experienced in working with cross-functional teams to drive system reliability, streamline deployments, and resolve production incidents efficiently. Passionate about building robust, secure, and scalable solutions aligned with modern DevOps best practices.

TECHNICAL SKILLS

- DevOps & SRE:** Continuous Integration, Continuous Deployment (CI/CD), Release Management, Service Reliability, Change Management
- Cloud Platforms:** AWS, OpenShift, OpenStack
- Configuration & Infrastructure Automation:** Ansible, Terraform, Helm, GitOps, Infrastructure as Code
- Workflow Orchestration & Continuous Delivery:** Jenkins (CI automation), Spinnaker (continuous deployment, multi-cloud releases), Apache Airflow (DAG troubleshooting, workflow optimization)
- Monitoring & Logging:** Prometheus, Grafana, Splunk, Incident Management (SLO/SLI/SLA)
- Web & Networking:** Kubernetes, Docker, NGINX, Apache, Load Balancing, API Management
- Databases:** PostgreSQL, MySQL, Redis
- Scripting:** Python, Bash, Golang (automation, orchestration, backup & recovery)
- Methodologies:** Agile Methodologies, Test-Driven Development, RCA Documentation

WORK EXPERIENCE

DEVOPS ENGINEER, Hyderabad, Telangana

September 2023–September 2025

Tata Consultancy Services

Project: Ericsson Network Manager (Cloud-Native)

- Spearheaded end-to-end migration of legacy, physical/on-premises application architecture to cloud-native microservices, deploying over 10 services into Kubernetes non-root containers and achieving PodSecurity and compliance standards.
- Designed geographic redundancy solutions with restricted Linux privileges, reducing API calls by ~30% and improving service reliability.
- Automated deployment and backend access control scripts in Bash and Python, accelerating testing and deployment tasks.
- Developed a common Helm chart solution that reduced deployment time by 60% across stateless microservices.
- Built Ansible playbooks to support installs, upgrades, recoveries, and rollbacks – improving recovery success rates by 40%.
- Engaged in RCA meetings, streamlining processes and minimizing bug occurrences.
- Collaborated with architects and product owners for zero-downtime release management and efficient change management.
- Conducted Kubernetes PodSecurityPolicy (PSP) POCs, ensuring stronger governance on cluster runtime security.

SITE RELIABILITY ENGINEER, Hyderabad, Telangana

February 2022–August 2023

Tata Consultancy Services

Project: Apple Maps and Findmy

- Provided L1/L2 production support for 30+ data-intensive applications across hybrid cloud/Kubernetes clusters hosted on different data centers, maintaining 99.9% SLA compliance.
- Coordinated continuous integration and continuous deployment (CI/CD) pipelines via Jenkins and Spinnaker – boosting release velocity by 15%.
- Collaborated with cross-functional teams across Dev, QA, and Ops to improve system resilience and automate escalation workflows.
- Led incident response and troubleshooting for P1/P2 outages, reducing MTTR by 20% through proactive log analysis and automated runbooks.
- Built real-time dashboards with Splunk, Grafana, and Prometheus, improving incident detection by 30%.
- Troubleshoot and resolved failed DAGs in Apache Airflow, leveraging log analysis and configuration review to ensure reliable data pipeline orchestration and automated workflows.
- Documented recurring issues and created knowledge base entries to assist in future operational runbooks.

CERTIFICATION

- IBM—Python for Data Science, AI & Development.
- Nvidia—Building LLM applications using prompt engineering.

EDUCATION

June 2017–Aug-2021

Teegala Krishna Reddy engineering college
Specialised in Electrical and Electronics Engineering