

SREEHARINATH PEETLA

DevOps Engineer | Immediate Joiner

Bengaluru, India • +91 93982 86383 • sreeharinathp@gmail.com • [linkedin.com/in/sreeharinathp](https://www.linkedin.com/in/sreeharinathp) • www.sreeharinath.com

PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with **4+ years of experience** architecting enterprise-grade CI/CD pipelines, administering Kubernetes and Red Hat OpenShift (RHOCP 4.x) clusters with Istio Service Mesh, and automating infrastructure provisioning across multi-environment workflows (DEV, DIT, PIT, SIT, QA, UAT, Stage, PROD). Expertise in Jenkins, GitHub Actions, HashiCorp Vault, Terraform, Ansible, Snyk, and SonarQube. **Available to join immediately**. Delivered measurable business impact: decreased incident downtime by **70%**, prevented **10+ production outages**, and lowered AWS cloud infrastructure costs by **30%**.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, EKS, S3, Lambda, IAM, CloudWatch, VPC)

Containers & Orchestration: Docker, Kubernetes (Vanilla & AWS EKS), Red Hat OpenShift (RHOCP 4.x), Istio Service Mesh, Helm

CI/CD & Artifact Management: Jenkins (Declarative & Scripted), GitHub Actions, JFrog Artifactory, SonarQube, Nexus

Infrastructure as Code: Terraform, Ansible, YAML

Security & Secrets Management: Snyk, Trivy, HashiCorp Vault, SonarQube

Monitoring & Observability: Grafana, Prometheus, Kibana, Fluentd

Scripting & Operating Systems: Shell Scripting, Bash, Linux (RHEL, Ubuntu)

Version Control & Collaboration: Git, GitHub, Confluence, Jira

PROFESSIONAL EXPERIENCE

System Engineer (DevOps) | *May 2024 – Present*

Tata Consultancy Services (TCS) – Client: CIBC (Canadian Imperial Bank of Commerce) | Bengaluru, India

- Engineered end-to-end CI/CD pipelines using Jenkins Declarative Pipelines and GitHub Actions, integrating SonarQube quality gates, JFrog Artifactory versioning, and Helm charts for templated Kubernetes/OpenShift releases across Dev, QA, UAT, Stage, and PROD environments.
- Administered RHOCP 4.x cluster deployments handling OpenShift-specific resources (Routes, DeploymentConfigs, BuildConfigs); oversaw namespace lifecycle, resource quotas, and cluster-level RBAC across all promotion stages.
- Executed multi-stage environment promotion workflows with per-stage Helm values files (values-dev.yaml through values-prod.yaml), ensuring consistent configuration and HashiCorp Vault-integrated segregation of secrets.
- Configured GitHub Actions workflows for automated PR validation, multi-stage container image builds, Snyk vulnerability scanning for images/OS dependencies, and gated deployment approvals using environment protection rules for Stage/PROD.
- Integrated Istio Service Mesh for advanced traffic management, enabling zero-risk production testing via Traffic Mirroring and Canary routing, and securing microservice communication with mutual TLS (mTLS).
- Maintained Helm chart versioning, release rollback strategies, and image promotion pipelines across JFrog Artifactory, promoting validated images from lower environments to Production with full traceability.
- Directed Git branching strategies (feature, release, hotfix); conducted PR reviews for 15+ developers; authored comprehensive runbooks and deployment documentation in Confluence.

DevOps Engineer | Mar 2022 – Apr 2024

Tata Play – DTH Media Platform | Bengaluru, India

- **Reduced AWS infrastructure costs by 30%** by designing and implementing Lambda-based EC2 scheduling scripts to automatically power down non-production instances during off-hours.
- Orchestrated vanilla Kubernetes clusters on AWS EKS and self-managed EC2-based clusters, handling node group scaling, cluster upgrades, namespace management, ConfigMaps, Secrets, and persistent volume provisioning (EBS/EFS) for stateful workloads.
- Established multi-environment deployment strategies with dedicated Kubernetes namespaces per stage, environment-specific ConfigMaps/Secrets, and Jenkins parameterized builds for controlled promotion from Dev through Production.
- **Decreased incident downtime by 70%** through structured root cause analysis, automated alerting scripts, and documented remediation playbooks with clear escalation paths and SLA-aligned response procedures.
- Deployed Grafana dashboards and Kibana log aggregation with Fluentd log shipping; set up proactive batch alerting workflows that **averted 10+ potential production outages** and enabled real-time observability.
- Configured Horizontal Pod Autoscaler (HPA) and Cluster Autoscaler for dynamic Kubernetes scaling based on real-time CPU/memory metrics, ensuring consistent service availability during peak traffic events.
- Streamlined routine operations (server provisioning, log rotation, SSL certificate renewal, health checks) using Shell scripts and Ansible playbooks, **cutting manual operational workload by 60%**.
- Governed SSH keys, IAM policies, security groups, Kubernetes RBAC, and HashiCorp Vault policies across all environments, enforcing least-privilege access and centralized secrets management.

EDUCATION

B.Tech in Electrical and Electronics Engineering | Jun 2016 – Jun 2020 | Aggregate: 65%

Anantha Lakshmi Institute of Technology and Sciences, Anantapur

LANGUAGES

Telugu (Native or Bilingual Proficiency) • **English** (Professional Proficiency)