

SAITEJA SIDDAPURAM

Software Engineer

Bengaluru, Karnataka

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OBJECTIVE

To obtain a responsible Software Engineer Position where I can leverage my 3+ years of hands-on experience in Redhat OpenShift Container Platform, Kubernetes and Infrastructure automation to optimize CI/CD processes, ensure platform scalability, and support reliable software delivery.

TECHNICAL EXPERTISE

- Hands-on experience with OpenShift Container Platform (OCP) and its Core Components.
- Performed initial triage of OpenShift platform issues related to Pods, Deployments, Services, Routes, PVCs, and Ceph.
- Having hands-on experience with Namespaces, RBAC and Network Policies.
- Monitored health and availability of Red Hat OpenShift (OCP) clusters using built-in monitoring tools like Prometheus, Grafana and AlertManager.
- Assisted in troubleshooting application deployment issues and performed basic checks using Logs and events.
- Knowledge of OpenShift Networking Concepts like ClusterIP, NodePort, LoadBalancer Ingress and Routes.
- Experienced with OpenShift lifecycle management like upgrades and patching.
- Familiar with core components of Kubernetes architecture including Control Plane and worker nodes.
- Understanding of Pods as the smallest deployable unit and how they are managed via Deployments, Replicasets, and Statefulsets.
- Knowledge of Kubernetes Services (ClusterIP, NodePort, LoadBalancer) for internal and external communication.
- Basic experience with Kubernetes DNS and service discovery mechanisms.
- Experienced with Kubernetes commands and tools.

WORK EXPERIENCE

Software Engineer,

2022 June- Present

SanRadiance Technologies Bangalore Pvt LTD, Bengaluru.

Roles & Responsibilities:

- Maintain, monitor, and administer Red Hat OpenShift Container Platform (OCP) clusters in Production, and development environments.
- Perform day-to-day management, health checks, and troubleshooting of OpenShift clusters and associated Infrastructure.
- Manage cluster components such as etcd, API server, controllers, and ingress controllers.
- Implement role-based access control (RBAC), security and network policies.
- Manage worker and master nodes including provisioning and Scaling.

SKILLS

- **Containerization** : Docker
- **Orchestration** : OpenShift, kubernetes (Workloads, Configmaps, Secrets, Services, and Ingress)
- **Storage** : PVs, PVCs, NFS, iSCSI, CephS
- **OS** : Windows-2019 ServerOS, Ubuntu 20.04 LTS, RHEL 8
- **Cloud** : AWS (EC2)
- **Hypervisor** : Vmware
- **Automation** : Jenkins, Git
- **Monitoring** : Prometheus, Graphana
- **Logging** : Elasticsearch, Fluentd
- **Programming** : Python

EDUCATION

Bachelor of Techonology

2018-2022

Sree Venkateswara College of Engineering, Nellore, AP