SAITEJA SIDDAPURAM

Software Engineer

Bengaluru, Karnataka

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**OBJECTIVE**

To obtain a responsible Software Engineer Position where I can leverage my 4 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.
* Knoweldge 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,** 2021 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