

Objective**OBJECTIVE**

Looking forward to a position as **DevOps Engineer** in a challenging working environment where there is possibility for perfection to strive harder with complete perseverance to reach the ambitions of the organization and personal aims too.

TECHNICAL EXPERTISE

- 5+ years of experience in IT industry with experience in Systems Administrator, **Software Configuration Management** (SCM) and DevOps Engineer, SQL DBA, Storage and Backup, Application production support engineer.
- Experienced and Innovative **DevOps Engineer** with **2.11 Years** expertise in Software Configuration, Release Management, Building & Deploying Software. Automation, Kubernetes, AWS Cloud and providing technical support to clients
- Exposure to Mesos, Marathon environment for application deployments.
- Experience in Kubernetes to Orchestrate the deployment, scaling and management of Docker Containers.
- Experience with AWS Cloud environment and its features which includes EC2, EBS, AMI, SNS, RDS, EBS, VPC, CloudWatch, Cloud Trail, Autos calling, IAM, S3, R53.
- Configuring Auto Scaling groups to scale up/down EC2 instances based on ELB health.
- Supporting Application team for deployments and any critical issue.
- Proactive Monitoring of entire platform.
- Infrastructure provisioning using Ansible
- Worked with Version Control Systems like Git, Gitlab
- Experience in **Shell Scripting & Linux Administration** (Entry Level)
- Well versed in maintaining the code base for each project using SCM tools like **GitHub** and **GitLab**
- Worked with **Java** based build tools **Ant** and **Maven** and having extensive knowledge in writing build.xml and pom.xml respectively.
- Established Code Standards and Configuring Java based Quality Profile & Quality Gates in **SonarQube** Code Quality Analysis Tools as per client requirement
- Experience in working with **Nexus** Artifactory Repository Managers for Maven builds
- Experience in Configuring and Deploying applications in **Tomcat & Jboss/WildFly** application servers
- Experience in using **Apache** web servers for deployments and hosting
- Administration/Maintenance experiences in **CI/CD** tool like **Jenkins** and **GitLab**
- Experience in managing project environments like **DEV, QA, UAT, PRE-PROD** and **PROD** for various releases and designed instance strategies
- Hands on experience in Configuration Management tool **Ansible**, have written **Ansible**

Playbooks in **yml/yaml** script to configure servers & deploying applications

- Working experience in **Docker** Containerization tool and deployed applications using containers in various environments
- Experience in creating Amazon **AWS EFS** to mount a running **Docker Container** in order to take data backup

TECHNICAL SKILLS

Operating Systems	:	Linux (Red Hat 6/7), Ubuntu, CentOS
Scripting languages	:	Shell Scripting
Version Control Tool	:	Git
Build Tools	:	Maven
Artifactory Repository	:	Nexus
Code Quality Monitoring Tool	:	SonarQube
Application Server	:	Tomcat and Wildfly
CI/CD Tools	:	Jenkins, GIT Lab
Configuration Management	:	Ansible
Containerization Tool	:	Docker
Container Orchestration Tool	:	Kubernetes
Ticketing Tool	:	Jira, CA
Cloud Platform	:	AWS (EC2, EBS, EFS, S3, VPC)

WORKING EXPERIENCE

- ✓ Currently working as **Devops engineer** in UST Global , Trivendram from Dec 2019 onwards to till date
- ✓ Worked as **Administrator (Devops Engineer)** in Wipro Technologies, Hyderabad from Apr 2017 to Dec 2019 (2.8 Years)
- ✓ Worked as Data Center engineer in VDA vda infosolutions pvt ltd, Bangalore from March 2016 to April 2017 (1 Years 1 Months)
- ✓ Worked as System engineer in Accel frontline global it services, Chennai from April 2015 to Feb 2016 (11 Months)

Professional Experience Summary

UST-Global Dec 2019 – Till date

- Experience working with Kubernetes to Orchestrate the deployment, scaling and management of Docker Containers.
- Assisting users to deploy applications, creating secrets ,configmaps and helping to deploy internal and external ingress to route traffic to application pods via load balancers.
- Experience working with Mesos/Marathon for Docker container orchestration.
- Managing Kubernetes Cluster resources using GitOps
- Experience working with Istio Service Mesh.
- Supporting application teams for all deployment issues triggering in Gitlab pipelines.
- Assisting application teams for deploying applications using HELM.
- Assisting users for Disaster recovery testing for their applications from kubernetes Platform side.
- DynamicStorage provisioning using different classes of Portworx Volumes in kubernetes cluster.
- Assisting users to create PVC to claim volume from Storage class.
- Creating/adding instances to existing cluster and creating nodegroups for the application teams.
- Auto Scaling groups to scale up/down EC2 instances based on ELB health.
- Creation and modification of IAM policies depends users requirement.
- Assisting users interms of rotating keys and resetting passwords of IAM Service accounts.
- Creating and Managing security groups based on user request.
- Proactive Monitoring of entire platform using Grafana, Cloud watch and Splunk logs.
- Monitoring of Kubernetes clusters with help of alerts triggered by Grafana

Previous company Experience

Wipro Technologies Apr 2017 – Dec 2019

- DevOps Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Developing and implementing software release management strategies for various applications according to the Agile Methodology

- Participating in weekly release meetings with technology stake holders to identify and mitigate potential risks associated with the releases
- Responsible for daily builds/deployments from Integration environment through staging environment
- Configuring and maintaining the source code management repository GitHub
- Managing Version Control GIT and automated current build process with Jenkins with proposed branching strategies to accommodate code in various testing cycles
- Configuring the Maven build tool for creating the war, jar files which are automated through Jenkins CI process
- Setting up Maven proxy repositories in Nexus artifactory repository to download dependency for the projects using Nexus proxy repository which is scheduled in Jenkins for continuous integration.
- Used Maven distribution management system to push created artifacts to snapshot and release repository
- Generating Project code quality HTML report by pushing the project code to SonarQube code quality monitoring tool
- Creating CI/CD pipelines scripts by integrating GitHub, Maven, Jenkins and more
- Administering Jenkins CI/CD build engine for deploying, configuring, managing, maintaining jobs as per project's requirements
- Configured automated builds like Webhooks, Poll SCM in Jenkins to meet project's build requirement
- Running environment based jobs by configuring Jenkins Master-Slave technique, which builds jobs in Slave machines and automates deployment in specific environments based on pipeline script
- Experience in Tomcat application server for deploying enterprise Java EE applications with its support and new features
- Configuring Docker with Nexus private repository to pull its images through docker proxy and pushing created docker images containing applications to docker hosted repository
- Creating Docker images embedded with (.jar, .war & .ear) applications with its hardware and software dependency
- Maintaining a backup of created Docker Image in Nexus private repository and deploying the containers in various environments using docker-compose feature
- Configuring Auto Scaling policies to scale up/down EC2 instances based on ELB health
- Configuration Management tool by using ansible yml/yaml script

Certification:

- **Certified AWS Solution Architect Associate.**
- **Certified kubernetes Administrator**