

Highly skilled and experienced AWS DevOps professional with strong background in Git, GitHub, Maven, SonarQube, Nexus, Jenkins, Docker, Kubernetes, Terraform, Ansible, Prometheus and Grafana, EFK, and SQL. Ability to design, implement, and manage DevOps solutions that improve the efficiency and reliability of software delivery. Seeking a challenging role to leverage my expertise in cloud infrastructure management, automation, and continuous integration/continuous deployment (CI/CD) pipelines.

**Professional Summary:**

- **6 months (December 2019 - July 2020)** of experience in **Linux Administration**.
- **3.1 Years (July 2020 - Till Date)** of experience as **DevOps Engineer**.
- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including VPC, EC2, S3, Route53, EKS, AutoScaling, ELB, ECR, ECS and IAM.
- Extensively worked on **Jenkins** for Continuous Integration, Continuous Delivery & Continuous Deployment through building Pipeline job.
- Provisioned virtual environments using containerization platforms like **Docker** and Container Orchestration tools like **Kubernetes**.
- Experience in Administration / Maintenance of source control management systems such as **GitHub** and Created **tags, branches, commits and pull requests, fixed merge issues** and administered **Software Repositories**.
- Experience in setting up **Kubernetes** cluster using kubeadm and HPA, Liveness & Readiness probes, PV & PVC etc.
- Expertise in writing **Docker file** to build Docker images. Good knowledge over **Docker Compose, Docker Volumes & Docker Networks**
- Experience in Setting up CI/CD pipeline using Jenkins Groovy and Basic knowledge on Jenkins CLI
- Hands on experience in **Prometheus, Grafana and ELK/EFK** for monitoring.
- Worked on **SonarQube, Sonar scanner** and **Nexus**.
- Good understanding of **Ansible**, for configuring and managing computers, combining multi-node software deployment, **Ad hoc task execution**, and configuration management
- Proficient knowledge with **Helm charts** to manage and release of Helm packages.
- Strong work ethic with good Interpersonal and Organizational skills.
- Good interaction with developers, managers and team members to coordinated job tasks and strong commitment to work.

**Work Experience :**

- Working as DevOps Engineer at CGI India Ltd, Hyderabad.

**Technical Skills :**

AWS Cloud	Kubernetes	Terraform	Jenkins	Git	GitHub	Maven	Tomcat	Sonarqube
Nexus	Docker	Docker Compose	Docker Swarm	Helm Charts	Prometheus	Grafana	ELK / EFK	
Linux	Ansible	MySQL	Shell Script	Groovy	YAML	Jira		

**Technical Details of Project Accomplished :**

## Module #1: Linux Administration

Skills Used : Linux, Bash, Jenkins and Ansible.

Duration : **December 2019 - July 2020**

### Roles and Responsibilities:

- Providing day-to-day System Admin support for the Linux operating systems.
- Monitor everyday systems and evaluate availability of all server resources and perform all activities for Linux servers.
- Providing on-call support during non-business hours.
- Installed, configured, and maintained Linux servers, ensuring their stability, security, and high availability.
- Managed user accounts, permissions, and access controls on Linux systems.
- Performed system and network troubleshooting to resolve issues promptly.
- Conducted regular patching and updates to keep the systems up to date.
- Monitored system performance, including CPU, memory, disk, and network utilization. Scheduling Cron jobs for repetitive tasks.
- Implemented backup and recovery strategies to safeguard critical data.
- Assisted with scripting tasks using shell scripting languages, such as Bash.

## Module #2: AWS DevOps Engineer

Duration : **July 2020 – Till Date**

Tools used : AWS Cloud, GIT, GITHUB, Jenkins, Terraform, Ansible, Docker, Kubernetes, Helm Charts, ELK / EFK, Prometheus and Grafana.

### Roles and Responsibilities:

- Collaborated with cross-functional teams to design and implement cloud infrastructure solutions using AWS services.
- Worked on Deployment of JAVA Application to Kubernetes cluster using CI/CD Jenkins Jobs integrating GitHub, Maven, Sonarqube, Nexus, Docker, and Kubernetes.
- Leveraged Kubernetes for container orchestration, managing deployments, scaling, and monitoring of applications.
- Implemented infrastructure as code (IaC) using Terraform, enabling automated provisioning and configuration of AWS resources.
- Ensured security best practices, including IAM roles, security groups, and SSL certificates, to maintain a secure environment.
- Conducted code reviews, performed static code analysis using SonarQube, and maintained code quality standards.
- Automated the process of building the Artifacts and uploading it to Nexus.
- Setup CI/CD pipeline using Jenkins groovy from scratch.
- Created and managed Ansible playbooks for automated configuration management of various servers and services.
- Monitored system performance, log files, and metrics using Prometheus and Grafana, ensuring high availability and scalability.
- Implemented the EFK stack (Elasticsearch, Filebeat, Kibana) for log aggregation, analysis, and visualization.
- Provided technical support to development teams, troubleshooting issues related to infrastructure and deployment processes.

## Education :

- B.Tech (Mechanical Engineering), Sri Venkateswara University, Tirupati .