**Malleswar Reddy Neelam**

**DevopsEngineer**

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Professional Summary

Accomplished and result-oriented professional with 3 years of experience in IT Industries, as a DevOps Engineer with hands-on experience supporting, Automating, and optimizing mission critical deployments in AWS, Building, Deploying and releasing of code from one environment to another environment, Source code management, leveraging configuration management, CI/CD, and DevOps processes.

* Implemented multiple **CI/CD** pipelines as a part of **DevOps** role for on-premises and **cloud-based software** using **Jenkins**, **Ansible**, **AWS**, **Docker** and **Kubernetes**.
* Experience in setting up the **Kubernetes cluster setup on on premise datacenter using kubespray**
* Experienced with AWS Services EC2, ECS, ELB, VPC, Cloud watch, Glacier, IAM, Route53, S3.
* **Developing** solution options and associated recommendations based on **Technical** and **commercial** considerations and drive the decision making.
* Experience in working on IaaS like EC2, PaaS like Docker and SaaS like Cloud Watch.
* Troubleshooting and resolution of incidents, working to critical SLA’s. Maintaining and supporting DEV, QA, Stage and Production environments.
* Experience in implementing CI/CD **pipelines** from **scratch**.
* Extensive experience using **Maven**, and **Ansible** as build tools for the building of **deployable** from **source code**.
* Experience on **creating pods** and managing on the **cluster environment** on Kubernetes**.**
* Good working experience on **DevOps tools** such as **Ansible**, **Maven**, **SVN**, **GIT**, **Jenkins** and **Docker**
* Implemented **Build/Deployed** automation **Server utilizing CI Technologies** like **Jenkins**, **Subversion**, **Maven**, and **J2EEApplications** on mixed **OS (Windows/Linux/Unix)**.
* Ability to **build deployment**, **Build scripts** and automated solutions using **scripting languages** such as **Shell**.
* Deep understanding in **Network**, **Security**, **Web** and **Application Infrastructures**, and **Systems Troubleshooting**.
* **Developing**, **Modify**, support and maintain **AWS-based components** for **public facing infrastructure**, **application Back-end** and **monitoring features**.
* Experience in supporting, installing and resolving issues on GIT and GITLAB environments.
* Knowledge on Infrastructure as a code tool **terraform.**

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# Technical Skills:

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| **Cloud Environments** | AWS |
| **Configuration Management** | Ansible |
| **Cloud Automation** | Terraform |
| **Build Tools** | Maven |
| **Ci /Cd** | Jenkins |
| **Containerization Tools** | Docker |
| **Container Orchestration Tool** | Kubernetes |
| **Version Control Tools** | Github, git lab |
| **Scripting** | Shell and Python |

# Work Experience:

**TCS May 2018 – May 2021**

Project : Daimler

Role : DevOps Engineer.

Duration : May 2018 to May 2021

* Used Docker, Kubernetes to manage micro services for development of continuous integration and continuous delivery.
* Managed Maven environment by setting up local, remote and central repositories with required configuration in maven configuration files.
* Responsible for design and maintenance of the GIT Repositories and the access control strategies and performed all necessary day to day GIT support for different projects.
* Involved in designing and deploying applications utilizing almost all AWS stack like EC2, Route53, S3, ELB, EBS, VPC, IAM and focusing on high availability, fault tolerance and auto-scaling.
* Setting up and building AWS infrastructure resources such as VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling and involved in deploying the content to Cloud platform on AWS using EC2, S3, EBS.
* Installed Jenkins on a Linux machine and created a master and slave configuration through a build farm for implementation of multiple parallel builds
* Responsible for continuous integration(CI) and continuous delivery(CD) process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Used Ansible as Configuration management tool to automate repetitive task.
* Used Ansible to setting up the kubernetes cluster and upgrading the cluster.
* Experienced in Docker container, writing Docker files, Docker compose, Docker network, private Docker repo.
* Using Jenkins as CI/CD pipeline along with the Developers team.
* Migrated the Docker images from one host to another host.
* Worked on various migrations of Docker volumes.
* Extensive experience with containerization and related technologies like Docker and kubernetes.
* Developing Docker images to support development and testing team and their pipelines.
* Jenkins implementation and configuration resulting full CI to integration environment on commit.

# Education

* B. Tech from JNT University(Kakinada)
* 12th from Board of Intermediate Education
* S.S.C from Board of Secondary Education