**C SHIRISHA**

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**PROFESSIONAL SUMMARY:**

* Overall **3.6**years of IT experience as a DevOps engineer includes Configuration Management, Provisioning the environments on Linux, implemented CI/CD Process.

**TECHNICAL SUMMARY:**

* Experience in implementing DevOps practices in an Agile Scrum environment and developed end to end deployment features for clients within the deadline.
* Automated the entire build and release process using Jenkins.
* Configured and maintained Jenkins to implement the CI process and integrated the tool Maven to schedule the builds.
* Expert in Infrastructure as a Service along with having hands on experience in CI-CD.
* Experience in running Jenkins jobs in a distributed environment using Master-Slave.
* Hands on experience with SCM tools like Git for maintaining repositories, handling releases and branch activities, tagging and maintaining the versions across the environments for Git.
* Good understanding of build tools like Maven for artifact creation.
* Hands on experience in checking code quality result by using Sonarqube.
* Experience in managing the artifacts generated by Maven in the Nexus repository.
* Experience on installing Ansible and writing Ansible playbooks for configuring and installing the packages on the remote server.
* Daily support for automated deployments, backup, restore and troubleshooting the issues in different phases of CI-CD.
* Managing the webservers such as Tomcat for deploying web applications.
* Worked on Container management using Docker.
* Configuring the Docker containers and creatingDocker file for different environments to reduce the deployment conflicts.
* Design , Develop, Maintain , Monitor , Troubleshoot ,Automate Deployment , Scaling of Kubernetes clusters and Applications .
* Experience in working with Terraform key features like such as a Infrastructure as a code, Execution plans , Resource graphs .
* Experience in Creating and Managing the infrastructure on Amazon Web Services such as EC2, EBS, Auto Scaling, Aws Firewall (Security Groups and NACL),ELB, S3, IAM, AMI ,VPC,Cloud watch .
* Experience in creating highly available VPC for application with high security using NACL and Security Groups.
* Experience in automating building , deploying and releasing of code from one environment to other environment like Dev ,UAT, Pre-Prod and Prod .
* Good interaction with developers, managers and team members to coordinate job tasks and strong commitment to work.

**WORK EXPERIENCE:**

Working as a **DevOps Engineer** for **KPIT Technologies** from Mar 2020 to till date.

**Programming,platforms&Tools:**

* Operating system : Linux, windows
* Scripting Language : Python
* Application server : Apache Tomcat
* IAC & Config.management Tools : Terraform ,Ansible
* Cloud Technologies : AWS
* SCM tools : Git,GitHub
* Build tools : Maven
* Code review tools : Sonarqube
* Container technology : Docker
* Container Orchestration : Kubernetes
* Continuous Integration tools : Jenkins
* Monitoring tools : Nagios
* others : HTML,Java.

**PROFESSIONAL EXPERIENCE:**

**PROJECT 2**: DIL ( Data Innovation Lab)

**CLIENT:** AXA-(ASIA and North America)

**PERIOD:** Dec 2022 to till date

**DESIGNATION:** DevOps Engineer

**ROLES AND RESPONSIBILITIES:**

* Having good experience in build/deploy pipeline setup and end-to-end job setup for the project.
* Extensively worked on Docker for environment creation.
* Creating and managing Containers.
* Experience in creating customized Docker images by writing Docker files to support containerization of applications.
* Written Ansible playbook to install a package on multiple remote servers.
* Accelerate application delivery with great productivity, reliability, security and control using Apache Tomcat webserver.
* Creating and managing AMI/Snapshots/Volumes.
* Created Multifactor Authentication for AWS Users in the organizations.
* Integrated Jenkins with Git, Maven.
* Deployed the artifact to multiple nodes by Build with parameters in Jenkins.
* Monitoring the automation process by using Nagios.
* Build servers using AWS: Importing volumes, launching EC2, creating security groups, auto-scaling, load balancers.
* Handling multiple requests in IAM like creating users, groups and roles.
* Creating S3 buckets in the AWS environment to store files and hosting a static website.

**PROJECT 1** : **CMT**

**CLIENT: Zurich Health care Services**

**PERIOD: Apr 2020 to June 2022**

**DESIGNATION:** DevOps Engineer

**ROLES AND RESPONSIBILITIES:**

* Involved in setting up AWS infrastructure based on project requirements.
* Experience in working with SCM tool is Git, GitHub for creating repositories and managing branches and tags for various environment in the project.
* Hands on experience with integration and configuration of various tools with Jenkins.
* Responsible for distributed builds and enable the required plug-ins in Jenkins to automate the workflow.
* Involved in building pipeline jobs and work with development team to fix build errors if any.
* Responsible in building the artifacts by using Maven and packaging with its distributable format.
* Performed code quality test during the build by using Sonarqube and integrating it with Jenkins.
* Troubleshooting application related issues by log verification.
* Create users, groups and manage access controls in Jenkins.
* Automate CI-CD process for the project from scratch by writing Jenkins file.
* Written Ansible playbooks to automate our build/deployment process and do an overall process improvement to any manual processes.
* Was involved in creating Docker containers and images and taking backup of images in Docker hub.

**EDUCATIONAL QUALIFICATON:**

B.Tech (ECE) from SRI KOTTAM TULASI REDDY MEMORIAL College of Eng.&Tech. (JNTUH), Telangana .

**Place:**

(**SHIRISHA**)