**Karteek Reddy**

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**DevOps Engineer**

**INTRODUCTION**

* Having 7 Years 8 month of experience in Information Technology as **DevOps**. DevOps Engineer of automation, build, release, Delivery process with various environments.
* Configure automatic builds in **Jenkins** and Integrate with **GitHub**, **SVN**.
* automating **Continuous Integration (CI)** and **Continuous Delivery (CD)** pipeline using tool **Jenkins** and **Bamboo**, **Octopus**
* Managing **Docker** and **Kubernetes** cluster for High Availability and managing **pods**, **services**, **namespaces**, **replica sets**, **deployments**, **security**, **Load balancer**
* Experience with automation and configuration management tools **Ansible**
* Experience in Code Quality analysis tool like **SonarQube** by using Jenkins.
* Expertise on Cloud infrastructure **AWS**, **Azure**
* Experience in **Shell** and **Python** Scripting to automate admin and Deployment tasks
* Creating automated **Build** and **Deployment** using Continuous Integration tool with Jenkins.
* Experience on using various Jenkins **Plug-ins** to support building, deploying and automating the Project.
* Expertise in Project Management tool like **Jirra**
* Expertise in Writing Build scripts using **Maven**
* Good experience in **Agile** and **Scrum** methodology
* Experience on Continuous Delivery Perform to multiple environments line **Dev**, **QA**, **Stage** and **UAT**, **Prod**.
* Experience in Implement **Master-Slave** architecture in Jenkins.
* Expertise to maintain artifacts using **Nexus** Repository
* Expertise in installing various tools like **Jenkins**, **Nexus**, **Jfrog, SonarQube**, **Apache Tomcat**, **Git**, **and Maven** on both Linux and Windows Platforms and handle entire product build & releases
* Expertise in setting up servers monitoring tolls like **Nagios**
* Provisioning Packages, Services, Configuration and Delivery by using **Ansible**
* Experience in managing **AWS** cloud with services like **VPC, IGW, NAT, EIP, RDS, IAM Role, AMI, S3, Rout53, ELB, Auto Scaling, Cloud Watch, SNS and Cloud Formation**.
* Experience in managing **AZURE** cloud with services like **Virtual Machines, Load Balancer, Resource Groups, Vnet, Availability Set, Backup, Blob**
* Expertise to maintain Web/Application server’s like **Apache Tomcat and Wildfly and IIS**
* Expertise in troubleshooting the Configuration, build and deployment issues

**TECHNICAL SKILLS**

* Operating Systems Linux, Windows
* Databases Servers Mssql, Oracle
* Application and Web Servers  Tomcat9.0, Wildfly, IIS Server
* Configuration Tools Ansible
* Continuous Integration Tool Jenkins, Bamboo, Octopus
* Build tools Maven
* Scripting Python, Shell
* Applications Java, .Net
* Version control Tools GIT, SVN
* Code Review Sonar Quebe
* Monitoring Tool Nagios
* Containerization Tool Docker
* Orchestration Tool Kubernetes
* Ticketing Tool Jirra, BMC Remedy
* Cloud AWS, Azure
* Artifactory Tool Nexus, Jfrog

**CAREER SKETCH**

**Technical Lead Harman Connected Services Corporation Pvt Ltd, Bangalore since June’19**

**Sr. Configuration Controller Infotech Global India PVT LTD from Jan’13 to June’19**

**PROJECT EXECUTION**

**Harman Connected Services Corporation Pvt Ltd**

* **Project/Client Fishbowl**
* Duration Jun’14 Onwards
* Tools Tomcat,Ansible,Jenkins,Bamboo,Octops,Maven,Phyton,Shell,Docker,Kubernetes, SVN,GIT,Nagios,Jirra,Nexus,Jfrog,Azure,AWS,Sonar Quebe
* Writing yaml scripts for installing packages, configuration changes, staring the services in all agent servers
* Configuring Ansible for creating users, installing packages, deploying ear and war files, starting and stopping services for all agent servers
* Experience in deploying the application in Docker Container
* Experience in managing Kubernetes cluster for High Availability
* Perform automation deployments to multiple environments like DEV, QA, STAGE, UAT & Production environments
* Performing the linux administration tasks
* Writing the shell scripts for automate deployment tasks
* Monitoring the agent systems for all environments using Nagios
* Installing the different modules on different servers based on requirements
* Setup GIT and SVN, creating branches, tags, creating Users and Groups, assigning permissions and handle Source code merging
* Writing Maven generate the war file for build process.
* Experience in managing AWS and Azure cloud with services.
* Setup and configured Jenkins created jobs for automating the build process.
* Configured the Plug-ins and Masters, Slaves in Jenkins and do
* Configuring JAVA and .Net based applications on Windows and Linux platforms and Configure Nightly builds, Daily builds

**Infotech Global India Pvt. Ltd.**

* **Projects/Clients Care Management, CITI Bank, Med Connect, NJhitech**
* Role Configuration Controller Duration: Jan’13 to Jun’19
* Tools Tomcat, Ansible, Jenkins, Bamboo, Maven, Phyton, Shell, Docker, Kubernetes, SVN, GIT, Nagios, Jirra, Nexus, Azure, AWS
* Writing yaml scripts for installing packages, configuration changes, staring the services in all agent servers
* Configuring Ansible for creating users, installing packages, deploying ear and war files, starting and stopping services for all agent servers
* Experience in deploying the application in Docker Container
* Experience in managing Kubernetes cluster for High Availability
* Perform automation deployments to multiple environments like DEV, QA, STAGE, UAT & Production environments
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* Configured the Plug-ins and Masters, Slaves in Jenkins and do
* Configuring JAVA and .Net based applications on Windows and Linux platforms and Configure Nightly builds, Daily builds
* Tracking the Bug’s using Jirra tool
* Monitor and fix the continuous integration builds running in Jenkins.
* Scheduling nightly build and deployment activities for Dev and Staging environments.
* Deploying the dll,WAR files in Tomcat, Wildfly application servers and IIS
* Troubleshooting the compilation errors and provide the technical support to the developer’s team on that issue.
* Troubleshooting application related issues by log verification.

**ACADEMIC**

2008 Btech from Jawaharlal Nehru Technology University

**PERSONAL DETAILS**

permanent Address Nellore, Andhra Pradesh

Nationality India

Languages Known English, Hindi & Telugu