**Thirumaleswar Reddi D.**

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**Professional Summary**

* 5+ years of experience as a **DevOps Engineer** with good hands-on experience in build automation, release planning and configuration management for multiple environments.
* Hands on experience on **software configuration**, **Build & Release**, **DevOps**.
* Hands on experience with DevOps tools **Git, Git Hub, Maven, Jenkins.**
* Having good knowledge in **Amazon Web Services (AWS**), Creating **EC2 Instances** and configuring all necessary services.
* Work experience with ticketing tool **JIRA**.
* Hands on experience with **Kubernetes(K8S)**.
* Worked on **Docker** container management.
* Hands on writing **Docker files.**
* Hands on experience in **OPenshift**
* Hands on creating **Playbooks**.
* Hands on experience with application web server **Tomcat.**
* Hands on experience with configuration management tool **Ansible.**
* Setting up CI/CD with **Jenkins**.
* Extensive experience using **Maven** and **ANT** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
* Implementing Branching strategies and Tagging the Release activities.
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Worked on Automated **Build & Release** process.
* Hands on experience with **Shell scripts**.
* Hands on with **Linux, Windows** environments.
* Ability to learn and master new technologies and to deliver outputs in short deadlines.

**Work Experience**

* Working as a DevOps Engineer in **Harman Connected Services Corporation India Pvt Ltd**, Bangalore since January 2016 to December 2019.
* Working as a Software Engineer in **Infinite Computer Solutions India Pvt Ltd,** Bangalore since January 2020 to September 2020.
* Working as a SDE2 in **Maveric Systems Ltd,** Bangalore since September 2020 to Till date.

**Educational Qualification**

* B.Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University (JNTU) Anantapur in 2013.

**Technical Skills**

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| Version Control system | GIT, GitHub, SVN |
| Artifact Management | Nexus, JFrog |
| Code Quality & Coverage | Sonar, Jacoco |
| Build and CI/CD tools | Maven, Jenkins |
| Configuration Management | Ansible |
| Cloud Platform | AWS |
| Scripting languages | Bash & Shell, Groovy |
| Application &Web Servers | Tomcat & Apache |
| Micro services | Docker, Kubernetes, OpenShift |
| Operating system | Windows, Linux |
| Programming | Java, HTML |
| Monitoring Tool | Zabbix, ELK |
| Database | MySQL, Oracle 10g,11g. |

#### **Professional Experience**

**Project #1:**

Project : SCB – Project Harmony

 Client : Standard Chartered Global Business Services Pvt Ltd

 Project Period : November 2020 to Till Date

 Environment : BitBucket, Jenkins, Docker, K8S, Openshift

 Operating System : Linux

**Roles & Responsibilities:**

* Collaborated with Development and Support teams to setup a CI/CDenvironment.
* Coordinating the resources by working closely with Project Manager's for the release and Project Manager for all the Operational Projects
* Creating new jobs in Jenkins and managing the build related issues.
* Deploy our microservice applications onto the Openshift.
* Created Deployment yaml files in OpenShift to do the deployments in Openshift.
* Implementing Jenkins to perform build automation, Continuous Integration and Continuous deployment.
* Coordinating with the Development team to fix the Build related issues.
* Implement Branching practices as per the project requirements
* Creating Tags for the releases and perform release activities.
* Creating the Docker images and containers to maintain the applications.
* Creating Jenkins nightly installation jobs.
* Configure the Kibana to monitor the applications.
* Creating the pods to maintain the applications using Kubernetes.
* Creating Ansible playbooks to configure all over applications.
* Deployed war’s, Ear’s into different environments like SIT, QA and Production.
* Doing the day to day Build and deployments in pre-prod and production environment.
* Creating containers using Docker file.
* Deploy the applications in AWS in Production environments.
* Good hands on experience in Kuberntes to deploy the applications.

**Environments:** Bitbucket, JFrog, Maven, Jenkins, Docker, Kubernetes, Nexus, Nginx, OpenShift.

**Project #2:**

Project: Iron Mountain

 Client : Iron Mountain

 Project Period : January 2020 to July 2020

 Environment : GIT, Maven, Jenkins, Shell Script, Nexus

 Operating System : Linux

##### Roles & Responsibilities:

* Developed build scripts using MAVEN as the build tools for the creation of build artifacts like war or ear files.
* Deployed the archives like war or ear files into the web application servers like Apache Tomcat.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
* Performed all necessary day-to-day Subversion (SVN)/Git support for the projects.
* Supporting developers in Source control management tools using SVN&GIT.
* Implemented and maintained the branching and build and release strategies utilizing GIT.
* Jenkins is used as a continuous integration tool for build and deployment of code.
* Involved in scheduling the automated build called Nightly Builds
* Developed the Shell scripts for the automation purposes.
* Integrated JUNIT for test cases and Cobertura for code coverage and sonarqube in the build process.
* Co-ordination with other team members to resolve any Issue.

**Project #3:**

Project: Red bend Software Services

 Client : Red bend

 Project Period : April 2018 to December 2019

 Environment : GIT, Maven, Jenkins, Docker, K8S, OpenShift

 Operating System : Linux, Window

**Roles & Responsibilities:**

* Collaborated with Development and Support teams to setup a CI/CD environment.
* Coordinating the resources by working closely with Project Manager's for the release and Project Manager for all the Operational Projects
* Creating new jobs in Jenkins and managing the build related issues.
* Implementing Jenkins to perform build automation, Continuous Integration and Continuous deployment.
* Coordinating with the Development team to fix the Build related issues.
* Implement Branching practices as per the project requirements
* Creating Tags for the releases and perform release activities.
* Creating the Docker images and containers to maintain the applications.
* Creating Jenkins nightly installation jobs.
* Configure the Kibana to monitor the applications.
* Creating the pods to maintain the applications using Kubernetes.
* Creating Ansible playbooks to configure all over applications.
* Deployed war’s, Ear’s in to different environments like SIT, QA and Production.
* Doing the day to day Build and deployments in pre-prod and production environments
* Creating Deployment yaml’s in OpenShift for different environments.
* Creating containers using Docker file.
* Deploy the applications in AWS in Production environments.
* Good hands on experience in Kuberntes to deploy the applications.

**Environments:** Git, Maven, Jenkins, Docker, Kubernetes, Nginx, OpenShift, ELK.

**Project #4:**

 Project : Coca-Cola Enterprises Inc

 Client : Coca-Cola (CCE)

 Project Period : February 2016 to March 2018

 Environment : Git, Maven, Jenkins, Shell Scripting.

 Operating System : Linux, Windows

##### Roles & Responsibilities:

* Developed build scripts using ANT or MAVEN as the build tools for the creation of build artifacts like war or ear files.
* Deployed the archives like war or ear files into the web application servers like Apache Tomcat.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
* Performed all necessary day-to-day Subversion (SVN)/Git support for the projects.
* Supporting developers in Source control management tools using SVN&GIT.
* Implemented and maintained the branching and build and release strategies utilizing GIT.
* Jenkins is used as a continuous integration tool for build and deployment of code.
* Involved in scheduling the automated build called Nightly Builds
* Developed the Shell scripts for the automation purposes.
* Integrated JUNIT for test cases and Cobertura for code coverage and sonarqube in the build process.
* Co-ordination with other team members to resolve any Issue.

**Environment:** SVN, Git, Shell scripting, Maven, Tomcat, Linux, Jenkins.