YARRAM REDDY

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# Objective

I am looking a challenging position in an esteemed organization where my experience, technical and analytical skills are utilized for continuous growth and advancement of the company. I am a person with positive attitude, have sincerity towards my work and ability to perform under pressure.

* Professional Summary Having 3+ years of experience of Build/Release and DevOps methodologies and setting up and maintaining CI & CD pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.

**Expertise in supporting multiple projects during builds and release process. Hands on experience with version control tool **GIT and GITHUB.**

*Good working experience on **Linux** Operating Systems.

***Hands on Experience with Build Tool **Maven** to generate project **Artifacts.** Hands on Experience in automating build process using **JENKINS CI** Tool. Written Groovy script for pipeline project.

**Good experience in deploying the files in **Tomcat** Server. Worked on ticketing tool like **JIRA.**

*Good experience in **Groovy.**

*Integration, deployment, and administration of Java Application servers – Tomcat Application Server across Linux platforms.

*Experience in integrating Code Quality Analysis Tools like SonarQube.

***Experience in using **Nexus**, Artifactory Repository Managers for Maven builds.

*Integrating **Nexus** with Jenkins to store artifacts

**Experience in writing **Ansible** playbooks for configuration management. Experience in creating Ansible Roles.

****Docker** installation and image setup. Creating custom image from a **Docker File.**

***Expertise in creating **Docker Images** and maintaining it in private Artifactory repository Nexus Good experience in writing Docker-Compose yaml files.

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| --- | --- |
| Version control system | Git, GitHub |
| Operating Systems | Linux |
| Scripting | Shell Scripting (Groovy basic knowledge) |
| Build Tools | Maven |
| Application Server | Apache Tomcat |
| Artifact repository Manager | Nexus |
| Quality code Management Tool | SonarQube |
| Configuration Management Tool | Ansible |
| Continuous Integration Tools | Jenkins (CI) |
| Containerization Tool | Docker |
| Container Orchestration | Kubernetes. |

**Work Profile**

**Current Organization: :** TCS (contractor) – Aug -2018-tilldate

**Current Designation :** DevOps Engineer

**Area of Work :** IT Service

**List of Major Technologies :** Linux, Git, GitHub, Maven, Nexus, SonarQube, Ansible, Docker, Docker Swarm, Kubernetes, AWS.

# Academic Credential

*Master of Business Administration from SV University Tirupati in 2018.

# Projects

|  |  |
| --- | --- |
| **Project Name** | Anthem |
| **Role** | DevOps Engineer |
| **Duration** | Aug-2018 to Till now |
| **Environment** | GIT, Maven, Nexus, SonarQube, Jenkins, Shell Scripting, Tomcat, Linux,  Ansible, Docker, Docker Swarm, AWS. |

Anthem is primarily used for tracking and maintaining the Pharma Product sales effectively. This application has different modules like Product Manufacturing Inventory, Order and Sales Inventory, Bill Management, Stock Inventory, Alert Management, Customer Management and Reports. This module will provide different alerts those can be integrated with all other modules.

# Roles and Responsibilities:

*Setting up the new build environment for various applications in **Linux** environment.

**Managed to organizational standards by maintaining the source code in **GIT** for various applications. Creating and maintaining the development and release branches on **GIT**.

*Using **Maven** as a build tool, I could automate the process of building artifacts.

*Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.

*Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.

*Installing and configuring the GIT, Maven, Sonar, Nexus, Docker and Kubernetes with Jenkins for CI - CD.

*Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.

***Measurement**, **optimization** and **tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.

**Used **Docker Container** for running different individual services and optimizing the infrastructure cost. Managing/Tracking the defects status using **JIRA.**

*Automating the manual process if any, by writing the **Shell scripts.**

*Involved in deployment of the application using **Tomcat.**

*Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT** and **pre-Prod.**

*Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities

**DECLARATION**

I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore (Yarram Reddy)