**Pragathi.B pragathireddy74@gmail.com**

**Devops Engineer**

**Professional Summary:**

* **3** years of experience of **Build**/**Release**/**Software Configuration** and **DevOps** methodologies and setting up and maintaining CI & CD pipelines and delivering releases for multiple Applications running on both Linux based distributed Infrastructure.
* Experienced in working on **DevOps** operations process and tools.
* In-depth understanding of the principles and best practices of Software Configuration Management **(SCM)** processes, which include compiling, packaging, deploying and application configurations.
* Extensively worked with Version Control Systems like **SVN** and **GIT.**
* Extensively worked with automation tools like **Jenkins** to implement the end to end automation.
* Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as **War&Ear** from source code.
* Experience in integrating **Unit Tests** and Code Quality Analysis Tools like **SonarQube.**
* **Administration** and creation of Individual **Jenkins** jobs, including automatic generation, reporting and alerting of build failures and build status indicators.
* Performing deployments to Prod and Non-Prod Servers using **Ansible**.
* Experience in using **Nexus, Jfrog** Repository Manager for Maven builds.
* Administered and Implemented CI tools **Hudson** and **Jenkins** for automated builds.
* Experience is using **Tomcat, Jboss/Wildfly** application servers for deployments.
* Application Deployments & Environment configuration using **Ansible.**
* Having good knowledge on **IBM Bluemix.**
* Experience with **Linux/Unix environments** and **scripting** for Build & Release automation
* Good Experience in **Docker** like creating **Docker Images** and **Docker Containers.**
* Experience in different services of AWS like **VPC, IAM, EC2, ELB,S3.**
* Experience in **Shell Scripting**.
* Good experience on Database like **Oracle SQL** and **MySQL.**
* Having good experience on Installing and configuring Devops tools.
* Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building, deploying in production support.

**Professional Experience:**

* Working as DevOps Engineer at Juniper networks in Bangalore.

**Educational Qualifications:**

* Bachelor of Technology from JNTUH, 2015.

Technical Skills:

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| **Operating Systems** | Linux, Windows |
| **Version Control Tools** | GIT, SVN |
| **Scripting Languages** | Shell Script |
| **Databases** | Oracle, MySQL |
| **Application/Web Servers** | Tomcat, Jboss |
| **Build Tools** | Ant, Maven |
| **Cloud** | AWS EC2, VPC, AMI, Cloud Watch, S3, |
| **Configuration Management Tools** | Ansible |
| **Continuous Integration** | Jenkins |
| **Code Quality** | SonarQube |
| **Containerization** | Docker |
| **Monitoring Tools** | NewRelic |
| **Artifactory Repos** | JFrog and Nexus |

**Project#2**

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| **Client** | Valero Energy |
| **Role** | DevOps Engineer |
| **Environment** | Git,maven,SonarQube,Jfrog,Jenkins,Tomcat,Jboss,Ansible |

**Description:**

Valero Energy Corporation is a Fortune 500 international manufacturer and marketer of transportation fuels, other petrochemical products, and power.

It is headquartered in San Antonio, Texas, United States. The company owns and operates 16 refineries throughout the United States, largest retail operators with approximately 6,800 retail and branded wholesale outlets in the United States. The Environment is a combination of Redhat servers and my sql servers this contains production, Test and Dev Environment. There are more than 40,000 users and multiple linux in the environment Internet, Intranet and Extranet sites this project is part of Pre-Sales and helping other delivery teams,

**Roles and Responsibilities:**

* Installing and configuring GIT, Jenkins, Deployment and automation.
* Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Developed and implemented Software Release Management strategies for various applications according to the Agile process.
* Identity root cause, and resolve problems.
* Maintaining the source code in GIT for various applications.
* Administered merge, build and deployment of the codes to all the environments.
* Responsible for creating the branches and tagging the code.
* To configure and maintain codebase to support the build and deployment of code on servers.
* Supporting the developers in configuration management environment.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Jenkins is used as a Continuous Integration tool for automation of daily process.
* Involved in the release process and deployed applications (WAR and JAR) to the Tomcat.

**Project#1**

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| **Client** | Hilton Hotels corporation |
| **Role** | Build and release engineer |
| **Environment** | SVN,ANT,Nexus,Jenkins,SonarQube,Tomcat,Jboss |

**Description:**

Hilton Worldwide Holdings Inc., formerly Hilton Hotels Corporation, is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [hospitality company](https://en.wikipedia.org/wiki/Hospitality_company) that manages and franchises a broad portfolio of hotels and resorts. Founded by [Conrad Hilton](https://en.wikipedia.org/wiki/Conrad_Hilton) in 1919, the corporation is now led by Christopher J.Nassetta. The vision for this project was to serve as a catalyst in driving the company’s mission. The ultimate goal was to provide a competitive advantage by delivering industry-leading technology innovations across all Hilton operations.

**Roles and Responsibilities:**

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| * Automated build scripts using ANT. * Configured Jenkins CI tool for project and setup Nightly Builds. * Automated the code deployment process in each environment (development, QA, Staging, Production). * Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins. * Installation, Configuration and Administration of Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured  jobs along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches. * Accomplished in tool automation using Shell scripting. * Participated in Bug review meeting and release the builds to pre-production and production servers. * Involved in deployment of the application using Tomcat. * Responsible for the deployment on Linux for Dev/ QA, staging, productions environment. * Preparing the build statistics and produce to the management team. |

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