**MUPPALA SAIKUMAR**

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**Professional Summary:**

Having **3+ years** of experience in **DevOps and Cloud** as a DevOps Engineer, Proficient in Linux, AWS**, Terraform, Git, Jenkins, Ansible, Docker,** **Kubernetes** with AWS/Azure cloud.

* Having good experience in as a “**DevOps/Build & Release Engineer”** which includes **environment setup, Automation process**, **Continuous integration** and infrastructure management with **DevOps** practice.
* Knowledge in **Software developments** with a focus on **Continuous Integration** and **Deployment using GitHub, Jenkins.**
* Manage team repository, branches using SCM tools like **GIT and SVN.**
* Experience in using **Maven** as a build tool for building deployable artifacts (**WAR**) from source code.
* Good experience in Automation **framework, Build, Release** **and Integration** in design and implementation of **Continues Integration, continues Delivery,**

**Continues Deployment.**

* Experience in Building **Continuous Integration** **(CI) & Continuous Deployment/Delivery (CD)** – **Jenkins**
* Creating project jobs and **configuring jobs in Jenkins.**
* Install plugins for **Jenkins.**
* Creating **CI/CD Automation** and **CI/CD pipelines** by integrating Git, GitHub, maven, Jenkins and AWS (provisioning).
* Having good experience on code quality tools like **Sonar** **qube.**
* Expert in deploying the code through web application servers like **centos and Redhat.**
* Expertise in Creating **Docker images** and **Docker files.**
* Excellent skills for **Troubleshooting** and fixing day to day CI/CD related issues.
* Knowledge in **Docker, Containers, Docker file, Docker compose.**
* Good experience on **Kubernetes** clustering, configuration, Architecture and services.
* AWS Cloud platform like **(EC2, Cloud watch, S3 Bucket, Auto-Scaling, IAM Roles through AWS Console**)
* Experience in supporting applications on different platforms Windows and Linux environments.

Professional Experience

Working as a **DevOps Engineer** in **Influx arena technologies pvt ltd** from 2019 to till date.

TECHNICAL SKILLS

|  |  |
| --- | --- |
| **SCM Tools** | GIT, Subversion |
| **Build Tools** | Maven |
| **CI/CD Tool** | Jenkins |
| **Configuration Management Tool** | Ansible |
| **Containerization Tool** | Docker, Kubernetes |
| **Artifactory storage** | Nexus |
| **Deployment Server** | Centos, Red hat, Windows, Linux |
| **Cloud Platform** | AWS (Amazon Web Services)  Azure cloud. |

Project Experience

**Current Project-2:**

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| --- | --- |
| Project Name | Optum Rally Integration (ORI). |
| Client | United Health Group Pvt, Ltd |
| Position | DevOps Engineer |

### **Description:**

This is wellness portal application and it is being used by the employees of the clients. Here the UI is controlled by Vendor (Rally) and services are maintained by Optum. The users of the application are the employees of the clients. Users can track their health information and also can complete online activities. They can also earn incentives for completed program.

Roles & Responsibilities:

* Installing/Configuring/Managing Jenkins CI Automation.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Installed/Configured and Managed Nexus Repository.
* Creating CI/CD pipelines by integrating Git, GitHub, maven, Jenkins, and AWS (provisioning).
* Building and implementing new projects builds framework using Jenkins & Maven as build framework tools as Continuous Delivery framework using Jenkins, and Maven in Linux environment.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Building and deploying scripts using Maven as build tool in Jenkins to move from one environment to other environments.
* Efficient in Maven for the build process and Jenkins as continuous integration build tool and worked on build failures on trouble shooting.
* Used Jenkins to streamline CI/CD process, automated Master-Slave configurations using temporary slaves
* Setting up EC2 instances and deployment of client applications like Centos on AWS EC2 instances.
* Configuring S3 bucket permissions, versioning, and logging.
* To take back up in S3 Buckets and snapshots.

**Environment:**

**GIT, Maven, Jenkins, Docker, Aws, Apache Tomcat,**

**Project #1:**

|  |  |
| --- | --- |
| Project Name | Trainer Globe |
| Client | Prism IT Corp, Florida, USA |
| Position | Build & Release Engineer |

**Description:**

Trainers Globe is a Web based Application provides all forms of electronically supported learning, teaching and Online Bidding. Trainers Globe processes include Web-based learning, computer-based learning, virtual education opportunities and digital collaboration.

Roles & Responsibilities:

* Involved in DevOps POC’s by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization.
* Built up CI/CD pipeline using Git, maven, Jenkins for Java and Middleware applications.
* Coordinating with the Development team to fix the Build related issues.
* Creating various POC’s of CI/CD pipelines by integrating source control tools GitHub, Build tool Maven and CI tool like Jenkins.
* Branching, tagging, release activities on Version Control Tools Git.
* Worked on multiple AWS instances, set the security groups, Elastic and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Developed automation framework for application deployments to the cloud environments.
* Installed, Configure and automated continuous build using Jenkins Continuous Integration tool.
* Creating new jobs in Jenkins and managing the build related issues.
* Used to create cookbooks and recipes to install packages that automate with Linux.
* Attended various trainings on Git, Maven, and Jenkins to create DevOps POC’s.

**Environment:**

**GIT, Maven, Jenkin, SVN, Red Hat, Centos**

**Education:**

**BSC (2019) from Jagannath university Jaipur, Rajasthan.**

**Declaration:**

I hereby declare that the information above is true and correct to the best of my knowledge and belief and can refer above for verification.

**Muppala** **Sai Kumar**.