Email Id: srujanak283@gmail.com Srujana Kumari.P

Mobile No: 7406587804

PROFESSIONAL SUMMARY:

* Having professional IT experience is around 3.5 years of experience as a **DevOps, Build and Release Engineering** in automating, building, deploying, and releasing of code from on environment to other environment.
* Experience on Installation of tools like **Git, Jenkins, Maven, SonarQube, Nexus, Ansible, Docker, WildFly and Tomcat** in Linux environment.
* Experience in creating Branching strategies, Merging and Tagging concepts in version control system like **GIT**.
* Good in automating the build and release process using scripts and tools.
* Experience in **Ansible** for the configuration management.
* Hands on experience in **Ansible**, Written **Ansible playbooks** to configure the servers.
* Administration/Maintenance experiences of continuous integration build engineer, such as **Jenkins.**
* Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube**.
* Experience in using **Nexus** Repository Managers for Maven builds.
* Good experience in containerizing applications with **Docker**.
* Experience in trouble shooting, Configuration and Deploying Applications in **Tomcat** server and **WildFly**.
* Experience in cloud Environment AWS (**EC2,EBS,S3,AMI,VPC,ELB,Autoscaling,Cloud Watch and Security group).**
* Experience in an Agile Environment (SCRUM).
* Working experience on operating systems like Windows, Linux etc.
* Handled environments **Dev, SIT, UAT** and **PROD** for various releases.
* Very quick in learning new technologies, tools and a good team player working with project Managers, Team Leads, Developers, and Testers.

TECHNICAL SKILLS:

Operating System : **Linux, windows**

Version Control System : **Git, Github**

Build and CI/CD tools **: Maven, Jenkins**

Cloud Platform **: Amazon Web Services**

Configuration Management **: Ansible**

Container Technology **: Docker**

Scripting Technology **: Shell Scripting**

Web Server **: Tomcat**

Code Quality Tool : **SonarQube**

EDUCATIONAL QUALIFICATIONS:

* Bachelor Degree from JNTU Ananthapur in The year of 2015.

PROFESSIONAL EXPERIENCE DETAILS:

* Working as a DevOps engineer for Cisco since Dec 2015 to till date.

WORK EXPERIENCE:

**Project #1**

Title : **IMS (Insurance Management System)**

Role : Build and Release Engineer

**Environment :** Git, GitHub, Maven, Jenkins, SonarQube, Nexus, Tomcat, Ansible, Docker

**Description:**

Royal Force Alliance is one of the reputed insurance companies in UK. It provides a wide range of insurance policies such as life insurance, Fire insurance, Motor vehicle insurance, Accidental and Health care insurance etc. the main modules being contained in this project are Production Definition, Customer Services, Customer Policy, Cashier, Claims, Billing and Banking. Production Processing is the entry point to start the business processes.

**Responsibilities:**

* Creating CI/CD pipelines by integrating **Git, GitHub, Maven, Jenkins, SonarQube, Nexus, Ansible and Docker.**
* Designed and implemented Continuous Integration process using tools like **Jenkins** with approval from development and other affected teams.
* Involved in deploying .**jar** and .**ear** in to **Tomcat** Application.
* Responsible for the set up and ongoing maintenance of **GIT**.
* Participated in Branching and Merging using **GIT**.
* Hands-on in writing the **Dockerfile** for building images.
* Responsible for managing the **Docker registry**.
* Modified Maven scripts to build the .**jar**, .**war** and .**ear** files from Git Maintenance of Maven, Pipeline scripts for safe builds and deploys.
* Experience in Implemented **Ansible** for the configuration management.
* Administered and Implemented CI tool **Jenkins** for automated builds.
* Installing Plugins in **Jenkins** as per project requirements.
* Established coding standards and enforced them through automated tools (**SonarQube**).
* Configuring Slaves in **Jenkins**.
* Good experience in automating deployment pipelines.
* Collaborate with Engineers and System Administrators on technical issues.
* Experience in writing docker-compose files, deploying docker applications in **docker swarm** cluster.

**Project #2**

Title : **Health Care System**

Role : Build and Release Engineer

**Environment :** GIT, Jenkins, Maven, SonarQube, Nexus, JBoss/WildFly and Linux.

**Description:**

The project is to develop software for hospital maintaince system. It consists of administration, patient information, Enquiry, Billing, Blood bank, Pharmacy, ICU, Security. Patient information module is to maintain database backup and password security. patient information module maintain all details about every patient starting from admission to discharge. Enquiry module gives information about availability of beds and rooms of different categories and fixes appointments with doctors.

**Responsibilities:**

* Handling Build and Deployment process for Java based applications.
* Maintain **Dev, SIT, UAT & Production** environments i.e. make sure they are always up & running normal.
* Manage continuous build, test, and deployment processes.
* Administration of **GIT** includes creating branches, tagging and access permissions.
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Troubleshooting application related issues and providing logs to developers for further investigation.
* Automating the Build process using **GIT** and **Maven**.
* Configured **GIT** with **Jenkins** and schedule jobs using Web hooks option.
* Automating build process for creating JAR/WAR artifacts using **Maven**.
* Communicating with development team for Build plan and Build failures.
* Configured the **Nexus** Artifactory repo with **Jenkins**.
* Configured Unit Tests and Code Quality Analysis Tools like **SonarQube** with Jenkins.
* Deployed the java applications into web servers like **JBoss/WildFly**.
* Promoting code from one Environment to another Environment.
* Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave**

Configuration to implement multiple parallel builds through a build.

DATE:

PLACE: