NAGARJUNA NEREDUKOMMU

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Career Objective

Seeking a responsible job with an opportunity for professional challenges & enhancing my professional skills in a dynamic way to use those skills in the best possible way for achieving the company's goals.

Professional Summary

Working with 3.8years Experience in Build and Release team as a Devops Engineer to Build , Test and maintain the infrastructure and tools for speedy Development and release

- Experienced on Branching strategies in **GIT** and also to maintain the code in GIT Repositories, Handling Releases and Branching activities, Tagging and maintaining the versions across the environments for GIT.
- Performed Build Activities using **Maven**.
- Configured **Jenkins** with Git and Maven to achieve continues Integration.
- Configured and Scheduling jobs to Build the Code and communicate the results to the respective teams.
- Integrating Jenkins with **Jfrog** repository to deploy the artifacts.
- Configured the servers and Deployed the artifacts in Different Environments like DEV, QA, UAT/STAGING
- Conveting **Ansible** plabooks into roles for scalability and reusability.
- Deployed application on Apache Tomcat server using **Ansible**.
- Experienced in Containerization tool like **Docker** By writing Docker files and creating Docker Images for Different Environments.
- Experience with Monitoring the Remote Hosts, Servers by **Nagios**, **ELK**
- Knowledge in Deploying end application in **Kubernetes**.

Professional Experience

Company	: Dhatsol IT Solutions Pvt Ltd, HYD
Designation	: Devops Engineer
Period	: 3.8 Years(15-07-2016 - present)

Projects Worked

Working Project   **:** Hospital Care Logistics System **(**HCLS)
Environment   **:** Java 1.8, Tomcat 8, Git, Jenkins, Maven, S3, Docker

Description:

         The main objective of the Hospital Care Logistics System is to computerize the maintenance of the patient details and appointment section in the hospital. This system is to form whole management system including Employees, Doctors, Patients and appointments etc. It also includes the details the laboratory equipment's

Responsibilities:
- Creating CI/CD pipelines by integrating Git, Maven, Jenkins, Tomcat, Jira as Monitoring Tools and AWS (provisioning)
- Maintaining versions of code in version control system GIT. Responsible for creating different Branches Integrations/Merges
- Automate the build process using Jenkins jobs. Monitoring daily builds using CI tool Jenkins and verifying logs
- Created a pipeline transition from Dev to Test and pre-Production
- Used the Docker Compose and created Docker containers for different environments And Deploying the end application to the Apache Tomcat web server

Completed Project   : Insurance
Environment   **:**   Java 1.9, Ubuntu 16, Tomcat 8, Git, Jenkins, Maven, Jfrog, Docker

Description:

         Understanding the needs of stakeholders and conveying the Developers, working on ways to improve development and release process, involved there charts, forms and polices. Examining the code and Analyzing the result from end to end working closely with different teams

Responsibilities:
- Created different branches for Environments like Prod, Dev , Test ,QA ,Post QA
- Creating CI/CD pipelines by integrating Git, Maven, Jenkins, Tomcat, Ansible for deployment
- Jfrog is used to deploy the Artifact from CI/CD of Jenkins job
- Installing and configuring Ansible involved writing playbooks for deploying in servers
- Tomcat server is used to deploy the build using Ansible
- Docker is used to create environments for Test and QA for the performing the operations

Worked POC   **:** Online Shopping Portal
Environment   **:** Tested process using Kubernetes and chef.

 Responsibilities:
- Git versioning is used for the release and Maven to Build in the process
- Configuring and maintaining of Continues Integration/Continues Deployment using Jenkins
- Chef is used instead of Ansible as the Configuration Management tool included with writing different recipes and cookbooks
- Orchestration tool **Kubernetes** is used to deploy the Different Environments by writing manifest files

Technical Skill Set

Versioning Tool   : Git
Build Tool   : Maven
CI/CD   : Jenkins
Monitoring Tool   : Nagios, ELK
Containerization   : docker
Orchestration   : Kubernetes
Configuration management tool: Ansible, chef
Artifact storage   : Jfrog
Cloud Platform   : AWS

Professional Achievements

- ✓ Awarded with "**BRAVO**" for being Energetic Team Player .
- ✓ Performed different automated steps to decrease the manual interventions .
- ✓ A value added team player involved in End to End process of the project .

Educational Qualifications

- **Bachelor of Technology** in **Mechanical Engineering** with an aggregate of **62%** from **Narasaraopeta Engineering College**, affiliated by JNTU-K in 2010-2014.

Declaration

        I here by declare that all the details provided above are genuine and correct to the best of my knowledge.

DATE: (**Nagarjuna Neredukommu**)