**DevOps Engineer**

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**Professional Experience:**

* Having ***5+*** Years of IT Experience and ***3+*** years of experience as a **DevOps** engineering and configuration management.
* Experience in SCM tools on Windows and Linux environments using **GIT**.
* Experience in Creating branches, tags, merging and resolving merge conflicts in **GIT** bash.
* Administering GIT/Bitbucket repositories using LDAP server for assigning user permissions to branches and reviewing pull requests.
* Expert in build automation tool **MAVEN** for Build development in Windows and Linux environments.
* Experience in **MAVEN** as build tool for the building of deployable artifacts from source code.
* Expertise in Installation, Configuration, Administration and Maintenance of CI tools **Jenkins**.
* Hands on experience in integrating **GIT, Maven, SonarQube, Nexus, Junit** and **Docker** with Jenkins declarative pipelines and free style models.
* Experience in writing **DSL** pipeline scripts and configuring free style jobs in **Jenkins**.
* Experience in configuring and updating the servers using configuration management tools like **Ansible** and Experience in Containerization tool like **Docker**.
* Implemented **Ansible** playbooks which will automate the software installations, configurations and application deployments.
* Written **YAML** playbooks, **roles** in Ansible and Integrated with Jenkins.
* Good Experience in Server Configurations, Installations and Modifications using **jinja2** templates.
* Good experience on Docker Network, Docker compose and Docker Swarm.
* Experience in implementing the Docker for wrapping up the final code and setting up development and testing environment using Docker Hub, Docker Swarm and **Docker Container**.
* Good knowledge **Nexus repository** for uploading and retrieving build artifacts.
* Having knowledge to check the code quality plugin **SonarQube.**
* Knowledge on Kubernetes service and deployment files.
* Maintaining and Monitoring the Application/Servers using Zabbix.
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Working knowledge on COE methodologies tool like Docker Swarm/Kubernetes
* Experience in Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, S3, RDS and ELB.
* Experience in end-to-end Building, deploying and configuration process and Implementation from local QA environment to UAT and PROD.
* Ability to trouble shoot build and deployment issues.
* Capable of working independently and as well as a part of a team.

**Education Details:**

* BSc (MECs) from SV University, Tirupati.

**Work Experience:**

* Currently working as DevOps Engineer at **Publicis Sapient** from Jan’20 to Still, Bangalore.
* Worked as Software Engineer at **InfoTech global India Ltd.** from June’16 to Dec’19, Bangalore.

**Technical Skills:**

**Version Control** : GIT

**Build Tool** : Maven

**Continuous Integration** : Jenkins/Hudson

**Programming Language** : Java

**Operating System** : RHEL, Windows

**Static code analysis tool** : Sonar

**Web Server** : Apache Tomcat

**Bug/Defect Tracking Tools** : JIRA

**Artifactory storage** : Nexus

**Configuration Management Tool** : Ansible

**Contamination platform**  : Docker

**Cloud Platform** : AWS

**Projects Experience**

**Project #3: (Publicis Sapient)**

**Project Name** :  Task Hub

**Client** : Toshiba, Japan

**Environment** : GIT, MAVEN, Nexus, Jenkins, RHEL, Ansible, Docker and Kubernetes.

**Duration** : Jan-2020 to till date

**Role** : DevOps Engineer

**Roles & Responsibilities:**

* Integrated Jenkins through GitHub Authentication.
* Responsible for creating the Jenkins pipelines for Automation job creation.
* Enabling the Role based access to the Jenkins.
* Enabling the SonarQube Quality Gates and Quality Profiles for the modules of the project to maintain the stability of the code quality.
* Configuring and enabling the SonarQube through Jenkins pipeline jobs.
* Integrated the Jenkins pipeline jobs to run the Sanity, Integration and system Test cases.
* Resolving the build issues and deployment issues.
* Migrating Jenkins server version from lower to higher.
* Created Jenkins CI/CD pipelines with declarative pipelines using DSL and free style jobs.
* Created the Nexus/JFROG repositories for upload/download artifacts, third party tools and Docker Images to the repositories.
* Created the customized profiles, gates, web-hooks and long-lived branches in SonarQube.
* Configured the slave nodes in Jenkins and create the users (Dev/QA//UAT/PROD) established the communication to all server by exchanging the keys.
* Downloaded the images from public repository tag and uploaded to the private repository.
* Created the docker files, build, tag and pushed images to the private docker hub registry.
* Automation of tasks which seems to be manual and save efforts through ansible playbooks.
* Created Ansible playbooks to deploy images in Kubernetes environment.
* Created the Ansible roles to setup the infrastructure components in different environments.
* Created jinja2 templates for all Server Configurations and Modifications.

**Project #2: (InfoTech global India Ltd)**

**Project Title** :JCPenney

**Client** : JCP Inc, USA

**Environment** : GIT, MAVEN, Nexus, Jenkins, Docker, RHEL and Ansible.

**Duration** : Dec-2017 to Dec-2019

**Role** : DevOps Engineer

**Roles & Responsibilities:**

* Responsible for Build and Packaging process of the software. Responsible for maintaining source code repositories using GIT and to track document and control changes to source code.
* Schedule the execution of builds and ensure that all build failures are resolved in a timely manner, support SCM and Build environment.
* Automate the build Process Using Maven and Jenkins
* Ensure successful execution of Jenkins nightly build jobs.
* Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components and DB Script for issuing/installing successful builds and making it ready for the Release on time.
* Automated the Application build procedure and deployment using Jenkins and Ansible.
* Setting up Jenkins master, adding the necessary Plugins and adding more slaves to Jenkins master.
* Installing docker, writing docker files, building images and maintaining the production application containers.
* Installed Docker Registry for local upload and download of Docker images from Docker hub.
* Hands on Experience with configuration management tools like Ansible.
* Written playbooks, roles in Ansible and Integrated the Ansible playbooks with Jenkins.
* Installed and configured Nagios monitor tool performance on all nodes.
* Troubleshoot tickets or issue tracking through JIRA tool.
* Performed automatically updated JIRA and confluence Plugins using Rest API and UPM.
* If any major issues with the tools, and then contacting vendors, coordinating with them and solving the issue with more priority.
* Coordinating with stake holders and solving their issues.
* Participating in grooming backlogs and retrospective meeting.

**Project #1: (InfoTech global India Ltd)**

**Project Title** : Sears Ecommerce

**Organization** : Sears, USA.

**Environment** : GIT, Jenkins, AWS, Java, Tomcat, Maven and Linux

**Duration** : June-2016 to Nov-2017.

**Role** : Build and Release Engineer

**Roles & Responsibilities:**

* Setup and Managed backup and recovery using Snapshot.
* Responsible for handling the performance issues of applications deployed in AWS environment.
* Created GIT Repositories and specified branching strategies that best fitted for the client.
* Coordinated with developers and managers to make sure that code is deployed in the production environment.
* Troubleshoot tickets or issue tracking through JIRA tool.
* Involved in Maintain release notes.
* Participate in release meetings.
* Performing critical production deployments during weekends.