JERRYPOTHULA USHARANI

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Professional Summary

* Overall **4.6 years** of professional experience in IT Industry as a DevOps Engineer in the field of automation, software configuration management and cloud services.
* Automation of build and deployment process by configuring jobs in Jenkins for each application.
* Dockerized the Applications to reduce the cost and easy maintenance.
* Manage and configure AWS services as per the business needs (EC2, S3, RDS, CloudWatch, IAM, VPC)
* Provide support to the technical escalation from the team and Coordinate service calls and requests with team members where necessary.
* Implementation of CI/CD Pipeline Using Jenkins, Dockers, Git, Maven.
* Sending automatic emails through Jenkins if the job fails by installing extended plugins.
* If any Plug-in are required configuring the Plug-ins to Jenkins.
* Administration of Continuous Integration tool like Jenkins.
* Create and configure plans for every application in Jenkins.
* Experienced in working on DevOps operations process and tools area (unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* Experience In Building CI/CD Pipeline using Jenkins.
* Experience in working on source control tools like GIT, GitHub.
* Expertise in using build tools like MAVEN for the building of deploy-able artifacts such as war & jar from source code.
* Creating Dockerfiles to build the images for different environments.
* Version control and source code management using GIT, GITHUB.
* Configured Jenkins Nodes to build jobs in order to distribute the load on Jenkins master and achieved parallel builds.
* Creating and Managing Repository and Branches.
* WAR files Build and Deployment. Restart server once the deployment is completed.
* Developing shell scripting for deployments in to servers.
* Implementing continuous integration (CI) using Jenkins
* Creating Jobs in Jenkins. Running the jobs as per build calendar.

**Technical skills**

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| **Operating Systems Linux, windows** |
| **Scripting Language Shell Scripting (Bash),Yaml, Groovy** |
| **VCS Tool’s Git, GitHub, Bitbucket** |
| **Build Tool’s Maven, Gradle** |
| **Code Quality SonarQube** |
| **Ticketing Tool’s Jira** |
| **Application Servers & Web Server Apache Tomcat & Apache** |
| **CI/CD Tools Jenkins (CI CD)** |
| **Artifactory Nexus** |
| **Configuration Tool’s Ansible** |
| **Container tool & Orchestration Docker, Openshift, Kubernetes** |
| **Monitoring & managements Dynatrace, cloud watch** |
| **Cloud Platform AWS** |

**Professional Experience**

* Working as Software Engineer for **Tech Mahindra Limited from 11-February -2020 to 03-December-2024**

**Highest Qualification**

* Bachelor of Technology (B.Tech) from JNT University Hyderabad.

**Career Summary**

**Project #2**

Client **:** City Bank

Duration : 08 –April-2022 to 03 –Dec-2024

Role **:** DevOps Engineer

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

**Roles and Responsibilities:**

* Creating CI/CD pipelines by integrating **Git, GitHub, Sonarqube, Maven, Jenkins, SonarQube, Nexus and Docker.**
* Good experience in automating deployment **pipelines** using **GROOVY script**.
* Responsible for the set up and ongoing maintenance of **GIT** and Participated in Branching and Merging using **GIT**.
* Responsible for **Dockerizing** applications.
* Configuring the **Docker container** and creating Docker files for different environments.
* Experience in writing **Docker files**, docker compose files and also Responsible for managing the private repository**(Nexus)**.
* Responsible for creating & configuring **docker volumes**.
* Responsible for creating **kubernetes cluster**, implemented CI/CD using Jenkins &**kubernetes cluster** and deploying docker images in kubernetes cluster.
* Responsible for creating **Kubernetes manifest** files like Daemon sets, replication controller and Deployments.
* Experience in Implemented **Ansible** for the configuration management.
* Administered and Implemented CI/CD tool **Jenkins** for automated builds and Installing Plugins in **Jenkins** as per project requirements.
* Established coding standards and enforced them through automated tools (**SonarQube**).
* Involved in installing **Jenkins** on a **Linux** Machine and creating a **Master** and **Slave** Configuration to implement multiple parallel builds.
* Experience in using **tomcat** application which is running under Kubernetes cluster.
* Troubleshooting application related issues and providing logs to developers for further investigati

**Project #1**

Client **:** Valero Energy Corporation

Duration : 11-February-2020 to 05-March-2022

Role : Junior DevOps Engineer

Environment  **:Linux,** GIT, Jenkins, Maven, SonarQube, Nexus, **Docker**

**Roles and Responsibilities**

* Handling Build and Deployment process for Java based applications.
* Administration of **GIT** includes creating branches, tagging and access permissions.
* Analyze and resolve conflicts related to merging of source code for **GIT** and Automating the Build process using **GIT** and **Maven**.
* Automating build process by using CI/CD pipeline.
* Experience in writing Docker files and Responsible for **Dockerizing** Applications.
* Responsible for Configuring  **private repositories(Nexus)** to maintain Docker Images and also Responisible for creating and configuring **persistent volumes**.
* Strong experience in creating **docker swarmcluster** setup and deploying applications in docker swarm cluster.
* Implemented CI/CD using **Jenkins**, **Dockerwith docker swarm**, also Configured the **Nexus** Artifactory repo with **Jenkins**.
* Configured Unit Tests and Code Quality Analysis Tools like **SonarQube** with Jenkins.
* Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** Configuration to implement multiple parallel builds.

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J.Usharani