

Technology : AWS, Terraform, Git-Hub, Kubernetes, Jenkins
Designation : AWS /DevOps Engineer

- Responsible for managing the code in Git. Maintain Source Control branches, providing specific access to teams on their Role based to those branches from time to time depending on the release schedules
- Working experience with **JIRA** for Preparing documentation plan, estimating work, and assigning work to the team. Coordinating and tracking all projects for seamless releases using Project Management System.
- Used continuous integration tool Jenkins to automate the daily build and deployment processes and used Maven scripts for building the source code.
- Creating new **Jenkins** pipelines for client requirements as a Maven jobs, Multi-Branch pipelines for Dev, test and prod envs.
- Using **Maven** as a build tool, I could automate the process of building artifacts.
- Creating the micro service architecture for deploying core application using **Docker** env.
- Taking backup of **nexus**, **Jfrog** disks using bash scripting, and created a script for removing old artifacts from **nexus**.
- Design, develop and maintain Build and Release management processes and tools. Installing and configuring the **GIT**, **Maven**, **Sonar**, **Nexus**, **Docker** and **Kubernetes** with **Jenkins** for CICD.
- Involved in configured **Jenkins** on a **Linux VM**'s, and **Kubernetes** clusters. And created a **Master** and **Slave** configuration to implement multiple parallel builds through pipelines.
- Coordinate with multiple project teams on the build and release management requirements.
- Help engineering teams implement **new technologies** in development for future production deployment.
- Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.
- Configured Jenkins CI tool for project and setup Nightly Builds Using Build Periodically. Learn the architecture of all the applications to help trouble shoot any issues for each application.
- Creating tag, branch & setting up projects & build plans in CI tool (**Jenkins**).
- Involved in Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.
- Integrating **Nexus** and **Jfrog** with Jenkins to store artifacts.
- Responsible for containerizing applications with **Docker**. Created Docker files and build images and push to the Docker Private registry, managing the **Docker** Private registry **ECR**
- Responsible for creating Kubernetes manifest files for **Daemon sets**, **Replica sets**, **Deployments**, **Statefull sets**, **pv**, **pvc**, **Secrets** and **configmap**...etc
- Good exposure in monitoring tools like **Prometheus**, **Grafana** and **ELK** stack.
- Good exposure on Designed and Provisioned cloud service models by using **Terraform** (Infrastructure-as-a-Service)

Project#1

Project Name : Broadcom
Role : AWS /DevOps Engineer
Duration : Oct 2019 - April 2021