**K.Aswini**

**✆:9160053683**

🖂: aswinik246**@gmail.com**

Experienced professional with 3 years of IT experience as DevOps engineer / Build and Release, Automation of Java application builds, Provisioning the environments on Linux and windows, implemented Continuous integration and Continuous Deployment automation / Continuous Delivery process .

**PROFILE SUMMARY**

* **Worked on Container management using Dockers.**
* **Knowledge on ansible to provision the infrastructure on the cloud AWS services.**
* **Involved in environment setup on Development, QA, and UAT environments and managed the automated deployments using scripts.**
* **Experience in monitoring the environments and troubleshooting the issues on day to day number of application from the orchestration engine Jenkins.**
* **Worked on Jenkins pipeline as a code model of setup and used shell scripts to automate the pipeline setup.**
* **Notable Experience in administering and supporting on Windows and Linux environments.**
* **source control management on SUBVERSION and GIT. Managing Branching, Merging, Labeling/Tagging and Integration with CI tools.**
* **Worked on Automation scripts using shell**
* **Good knowledge in managing Nexus repositories for the maven artifacts and dependencies.**
* Experience in installation and configuration application servers tomcat and automated deployment process using shell scripting automation.
* Expertise in writing the ANT and MAVEN script for the automation of the builds.
* Possess good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile scrum.
* Hands on experience in Creating of public & private subnets using VPC
* Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures, if any
* Worked on Container management using Dockers and Kubernetes
* Worked with architects to split the application into smaller components to effectively manage builds by grouping libraries
* Excellent problem solving, analytical, communication skills and able to effectively manage time and prioritize multiple projects.
* Excellent communication, presentation, project management skills, a very good team player and self-starter with the ability to work independently as well as part of a team.

**Key Skils:**

* Operating systems - Linux and Windows.
* Scripting Languages - Shell Scripting
* Configuration Management tool - Ansible.
* Cloud - AWS and GCP
* Application Servers - Tomcat.
* Web Servers - Apache and IIS
* CI Tools - Jenkins
* Databases - Oracle and IBM DB2
* SCM Tools - SVN, GIT (GITHUB, Bitbucket) and TFS
* Build Tools - Maven, Ant and NANT
* Artifact Management - Nexus
* Code Coverage - Sonar
* Development Methodologies - Agile and waterfall
* Bug tracking tool - JIRA
* Container technology - Docker and Kubernetes.
* Monitoring - Nagios

**Education :**

* B.Tech ECE from JNTU Hyderabad in 2015 with 72%.

**WORK EXPERIENCE**

* Working as a Devops Engineer in **DXC Technologies** from Sep 2016 to till date

***Project #2***

**Project Name** : DST Health Solutions, India

**Role**  : DevOps Engineer.

**Duration** : Sep 2017 to till Date

**Description:** DST Solutions is a leading provider of specialized technology, strategic advisory, and business operations outsourcing to the financial and healthcare industries. DST helps clients find opportunity in ever-changing and complex customer, business and regulatory requirements.

**Responsibilities:**

* Integrating GIT with Jenkins in continuous integration and configured Jenkins with poll scm build triggers.
* Ansible is the primary automation tool in configuring and deploying artifacts to several environments
* As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing EC2 instances
* Optimized volumes and EC2instances.
* Providing infrastructure for production environments for installing of servers in load balancer, web servers and databases servers
* Creating and maintaining the Jenkins slaves for distribution of load and run the parallel builds.
* Involved in writing playbooks for installing the different environments like DEV, QA, UAT for pre-production.
* Developing Ansible Playbooks for different scenarios to manage the infrastructure and integrating with CI (continuous integration), CD (continuous deployment)
* Configured application servers (Apache Tomcat) to deploy the code
* ***Configure plugging for the integration tools to the version control tool***

***Project #1***

***Project Name : Portico Health Plans***

***Role : Build and Release Engineer***

***Duration : Oct 2016 to Aug 2017***

***Description: Portico Systems is the leading solutions provider for health plans looking to optimize their Provider Network Operations (PNO). Portico has actively enabled health plans to leverage their provider business systems for true competitive advantage. With a unique blend of healthcare operations experience, payer/provider relationship expertise and cutting edge technology skills, Portico helps build holistic solutions for every level of provider engagement.***

***Responsibilities:***

* ***Creating New Repository in Subversion***
* Involved in Branching, Tagging of code delivery at required releases
* Automated the backup of the SVN repository by using Crontab
* Creating build environment like installing all the required software
* Automating build scripts as per our requirement with CI tools
* Involved in automation of deployment and configuration process using shell script
* Involved in scheduling the automated build called Nightly Builds.
* Work with Development Team and testing team to establish a build schedule.
* Interacting with developers to sort out issues related to Build Automation.
* Create documents on build process and flow, build script maintenance, user guide for developers for local builds.
* Installing and configuring application server for QA and production environment.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the DEV team.
* Documentation of patch Management process and build/release Process
* Infrastructure Management activities like Access management, software installation on all production and QA servers.