Jonnala Sai Krishna

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BACKGROUND:

IT Professional with 2.5 years of overall work experience in DevOps Engineering in Automating, Building, Deployment and administration of Linux.

EXPERIENCE SUMMARY:

- Maintenance and Support for Production, QA, Staging Environments

- CI/CD pipeline for production environment.

- Managed GitHub repositories and permissions, including branching and tagging.

- Configuring Jenkins job with related Plugins for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI/CD.

- Automated build and deployment using Jenkins, Maven to reduce human error and speed up production processes.

- Experience in using Tomcat web application server for deployments.

- Having experience in building the Docker images from Docker file.

- Deploying class files in jar files based on request.

- Handling and monitoring all phases of Build activities using CI tools like '**Jenkins**'.

- Hands on writing Ansible Playbooks.

- Hands on writing Docker files.

- Experience with AWS components such as EC2, S3, Elastic IPs, EBS, Security Groups, Route 53, VPC, Snapshots and Cloud Watch.

- Basic Knowledge on Kubernates

- Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases.

EXPERIENCE SNAPSHOT

TECHNICAL SPECIALIZATIONS

- Git
- Maven
- Jenkins
- SonarQube
- Ansible
- Docker
- Kubernates
- Apache Tomcat
- Linux
- Amazon Web Service

MONITORING TOOLS

- Cloud Watch

Work Experience:

- Currently working as DevOps Engineer in Calvin Technologies pvt ltd from Sep 2019 to till Date.

Educational Details:

- Completed B.Tech in Mechanical Engineering from Sasi Institute of Technology and Engineering, Tadepalligudem.

Project Details:

Project : (Current Project)

Project Name	Maplin
Role	Devops Engineer
Skills	Git, Maven, Jenkins, SonarQube, Ansible, Docker, Kubernates, Apache Tomcat, Linux**, **Aws.

Description:

Maplin Electronics is a retailer of electronic goods in the United Kingdom and Ireland. As of June 2017, there are 218 Maplin Electronics stores. The company operates an extensive online, telephone and mail order ales services and On 28th February 2018 Maplin went into administration placing 2,500 jobs at risk and on 25 Jun2018 all Maplin stores ceased trading. In August of 2018 Buy It Direct purchased the Maplin name and is making the Maplin themed website to open as an online only shop.

Roles & Responsibilities:

- Using Git, Creating repositories, new users and give the permissions to users to access repository.
- Create branches and participating in merging.
- Manage branching & merging of releases for Parallel development.
- Enabling the Git tagging through pipeline for every released component.
- Resolve problems related to Git.
- Maven used as build tool to build a source code.
- Creating War/Ear files using Maven.
- Installation and configuration of Jenkins CI tool.
- Installed required Jenkins plug-ins. and implemented Jenkins slave.
- Creating and maintaining Jenkins Jobs.
- Responsible for creating the Jenkins pipelines for Automation job creation.
- Resolve build related issues
- Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.
- Configuration of SonarQube with Jenkins.
- Managing Continuous Integration and Continuous Delivery using Jenkins.
- Performed continuous Build and Deployments to multiple environments like Dev, QA and UAT.
- Writing Docker files and check-in it to Git hub.
- Written Ansible playbooks to automate installation of Middleware Infrastructure like Apache Tomcat, JDK and configuration tasks for new environments etc.
- Amazon EC2 setting up instances, VPCs and security groups.
- Built S3 buckets and managed policies for S3 buckets and used S3 bucket and glacier for storage and backup on AWS and Taking snapshots of EBS volumes.
- Creating users and managing permissions, creating users, roles and managing permissions.

- Configuring topics for email and SMS in AWS simple notification services.

Declaration:

I hereby declare that above stated information is true and correct to the best of my knowledge.

(J Sai Krishna)