**Devops Engineer**

RAJESH PIDI

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Objective

To work in a creative and challenging environment where I could constantly learn and successfully deliver solutions to problems and contribute effectively for the growth of the Organization.

# Professional Summary

* Having 4+ years of IT experience in Configuration management tools using Ansible, Version control system, software configuration management (SCM) using Git.
* Expertise in supporting multiple projects during builds and release process.
* Hands on experience on Version Control Systems like GIT and GITHUB.
* Experience on Subversion, GIT- Created branches, tagging, setting SVN externals and providing access permissions to the developers over branches
* Scripting in multiple languages on UNIX, LINUX and Windows -Batch, Shell.
* Used Shell scripting in automating many modules.
* Hands on Experience with Build Tool Maven to generate project Artifacts
* Hands on experience in automating build process using JENKINS CI/CD Tool.
* Good Experience in Continuous integration using the Pipeline View
* Good experience in Docker Containerization Technology
* Good experience in using Jenkins pipeline.
* Good experience in writing shell script for build automation purpose.
* Experience in using Bug/Defect tracking tools like Atlassian Jira.
* Experience practicing agile methodologies.
* Good experience in code coverage tool like Sonar.
* Handling build, deployment and release activities for multiple projects.
* Very good knowledge on Deployment process using the Docker.
* Good Knowledge using the backup repository Nexus.
* Experience in end to end building and Deploying and configuring process and implementation from local QA environment to UAT and Production.
* Having good knowledge in Amazon EC2 technologies EC2, S3, VPC, RDS, Auto scaling, monitoring and Elastic load Balancing.SS
* Very good knowledge in access management using the Identity Access Management in AWS.
* Good knowledge in managing the load using the Elastic Load Balancers in AWS.
* Participate in building the DevOps Platform using configuration management tools like Ansible
* Docker installation and image setup.
* Creating custom image from a DockerFile.
* Working on Dockerfile Directives: USER, RUN and ENV.
* Good working experience on Linux and Windows Operating Systems.

# Academics

* B.Tech from J.N.T University Kakinada in the year 2015.

Career History

* Working as Devops Engineer in ACCURATE LABTECH PRIVATELIMITED from Aug 2017 to till date.

# Technical Specifications

Operating Systems : LINUX/UNIX, Windows.

(SCM) tools : Git

Continuous Integration tools : Jenkins.

Build Tools : Apache Maven

Artifact management tools : Nexus Artifactory Configuration Management tools :Ansible

Container platform: Docker

Container-orchestration:Kubernetes (EKS),AKS

# Cloud Services : Amazon Web Services (AWS)

Web/Application Servers : Apache Tomcat

Code Coverage Tools : Sonar Qube

Scripting Languages : Shell Scripting, Powershell,Groovy

Bug Tracking Tool : Jira

Infrastructure as a code :Terraform

SDLC model : Agile Methodology

Professional Experience:

Project

Project Name : EDF Energy

Environment :Git,Maven,Jenkins,Tomcat,

Linux,Nexus,Sonarqube,AWS,Docker

Responsibilities:

* Need to create AWS instances and buckets on EC2 and S3 services
* Using IAM create and manage AWS users and groups, and use permissions to allow and deny their access to AWS resources
* Transfer the packages and container form one environment to another by using Docker
* Provide support for application and environment configuration issues.
* Maintain code branches and coordinate code mergers with revision control utility

# Able to configure the complete infrastructure using Cloud Formation templates Infrastructure.

* Able to automate to continuously define, build and manage infrastructure
* Support Create Buckets, Upload Data, Set Permissions on S3
* Create a new container and Manage Images Manage Plug-in Manage Swarm nodes Manage networks on Docker
* Restart one or more containers Remove one or more images and Manage checkpoints on Docker
* Push an image or a repository to a registry and Pull an image or a repository from a registry on Docker
* Create and maintain build, deployment and rollback scripts/tools.
* Execute scheduled application builds and deployments.
* Generated cookbooks CI JOBS and RELEASE JOBS in Jenkins machine.
* Involved in Application deploy process.
* Automated deployment process, where it copies the Jar& Ear files and starts deploying into Tomcat Environment using Jenkins Plugins.
* Integrate CI with other tools like Sonar && nexus.
* Experience in Kubernetes to deploy scale, load balance and manage Docker containers with multiple name spaced versions and Kubernetes Clusters.

Project

Project Title : Macy’s online retail store

Role : Git, Maven, Jenkins, Tomcat, Docker, Nexus, Sonarqube ,AWS.

Description:

Macys is one of the largest chain of department stores owned by American multinational corporation Macy's Inc. It operates 798 locations in the United States. Macys online retail store provides its customer to order wide variety of online shopping services. It also has customer support where you can track the status of your consignment, Shipping information and returns.

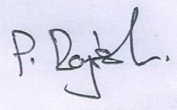
Responsibilities:

* Managing build scripts, tasks, targets in Maven.
* Integrating Maven with SCM tools and deployment tools.
* Managing plugins, dependencies, goals, phases, scope, dependency range, snapshot and version in pom.xml.
* Integrating MAVEN with SCM tools and deployment tools.

Interact with AD team and support them if any SCM or build issues.

* Troubleshooting build issues, release issues and environment issues.
* Automate the Build process by using shell scripts.
* Isolating build/deployment issues versus code issues.
* Automate Build and Deployment process using CI tools Jenkins.
* Bug tracking using Atlassian JIRA regarding Issue types and Issue priority.
* Build Java Projects with Build tools Maven
* Deployments on Apache tomcat7,
* Performed merging techniques to merge the source elements of different versions
* Trained developer for Checking Out and Checking In the elements (source files)
* Wrote Ant Scripts to automate builds for various environments.
* Used Ant and Maven scripts for all the build scripts.
* Creating automation tool using Jenkins of SIT and UAT builds.
* Implemented Continuous integration effort with Jenkins along with scheduled builds for Releases
* Interacted with supporting teams to understand client deployment requests.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented continuous integration using Jenkins.
* Created repositories according the structure required with branches, tags
* Analyzed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and daily sprint stand-up meetings.
* Created jobs for 9jtagging and branching.
* Configured application servers (Tomcat) to deploy the code.
* Created and configured multiple instances on Tomcat Server for different teams.
* Configured plug-ins for the integration tool to the version control tool.
* For check in process used Tortoise SVN as a CM tool.
* Utilize Jira for issue reporting, status, and activity planning.
* Extensively used Maven tool to do the builds, integrated Maven to Eclipse.
* Integrated Maven with Jenkins for the builds as the Continuous Integration process.

Declaration:

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

(Rajesh Pidi)