**Venkateswara Reddy**

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Objective:

To be apart of technology oriented environment, where my skills are been explored well, and I could contribute myself in bringing up the technology with my experience

**Professional Summary:**

* Having 4+ Years of experience on Build and Release Management and Manual testing.
* Having 3yearsof experience in Build and Release Management and 1.6years of experience in Manual Testing and QA.
* **Good Experience on Continuous Integration and Continuous Deployment.**
* Good experience on version control tool GIT.
* Good experience on GIT flow of Branching and Merge activities.
* Working on build tools like Mavenand CI/CD tool Jenkins.
* Good experience on Continuous Integration tool Jenkins, plug-in installation, master/slaveArchitecture setup.
* Deploying packages to web application server Tomcat.
* Worked on setting up periodical builds, Nightly builds using with CI tool Jenkins.
* Good knowledge on Configuration management tool like Ansible.
* Launching Ec2 Linux instances in Amazon cloud.
* Creating EBS volumes and attaching to instances.
* Creating AMI’s , snapshots and EBS volumes.
* Artifactory Packages stored in S3 bucket.
* Creating Elastic load balance for different applications.
* Implemented Auto Scaling using custom based AMI on Ubuntu/Red-hat.
* Having experience on Docker, Creating containers by using Docker images.
* Deployed packages (WAR and EAR) in various environments like System Test, QA, UAT and Production.
* Coordinating with the different teams like developers, QA and testing teams.
* Read all the documents and understand what needs to be tested.
* Develop test cases and prioritize testing activities.
* Execute all the test case and report defects, define severity and priority for each defect.
* Carry out regression testing every time when changes are made to the code to fix defects.

**Experience Summary**

* Working as Build and Release Engineer in Creed global Technologies from Aug 2014 to till now.
* Worked as QA & Testing engineer in Areca Embedded Systems Pvt.Ltd from Jan 2013 to june 2014.

**Key Skills Used in Projects:**

Operating Systems : Linux /Ubuntu/Windows

Cloud services : Amazon Web Services (EC2, S3,

EBS, ELB, Auto scaling, IAM.)

Continuous Integration tool : Jenkins

Configuration tool : Ansible

Build tool : Maven

Version Control : GIT

Scripting : Shell

Apache Tools : Tomcat

Container tool : Docker

**Educational Qualification:**

* Completed **Bachelor of Engineering from** Mekapati Raja Mohan Reddy institute of technology and science Engineering College, JNTU University Nellore.

**Project # 1**

Title : **Digital Network Administration**

Client : Infinera

Duration : March’2016 to till now

**Project Summary:**

Infinera DNA helps simplify network operations, speed service provisioning, and rapidly isolate problems on the network. This carrier-class Element Management System (EMS) provides users with integrated node-level and network-level administrative, maintenance, and provisioning functions across multiple Infinera sub-networks. Infinera DNA consolidates and centralizes all network management information from across the network for use within the Network Operations Center (NOC), including equipment inventory, alarms and events notifications, circuit and endpoint inventory, and historical performance data.

**Responsibilities:**

* Setting up the new build environment for various applications in Windows/Linux environment.
* Involved in Deployment of the application using Tomcat.
* Configure Scheduled builds, Nightly builds in CI tool Jenkins.
* Automate build process used for Java applications using JENKINS.
* Automate the different application in different servers by using ansible.
* Project involved the usage of maintaining repository and version controlling.
* Involved in Branching, and Merging of code delivery at required releases.
* Launching EC2 instances in Amazon cloud.
* Creating Elastic load balance for applications.
* Create the Docker containers by using Docker images.
* Creating EBS volumes and attaching to EC2 instances.
* Creating AMI’s from instances.

**Project # 2**

Title : **Graphical Node Manager**

Client : Infinera

Duration : Aug’2014 to Feb’2016

**Project Summary:**

The Infinera GNM provides real-time management access to the Infinera DTN/DTN-X/ATN node. Changes performed to the system via any management interface or as a result of other network operations are automatically updated in any open Infinera GNM sessions.

**Responsibilities:**

* Handling the daily and weekly builds to various environments and make sure that, the environment is up all time.
* Proficiency with build and continuous integration system concepts.
* Creating and initialize the Repositories, Branches in GIT.
* Configure Scheduled builds, Nightly builds in CI tool Jenkins.
* Branching and tagging for multiple concurrent codes at the time of releases.
* **Deployed packages (WAR and EAR) in various environments like Development, System Test, QA and Production.**
* Maintained the mavenbuilds scripts.
* Trouble shooting the various builds and environment related issues by interacting with developers, operations and others.
* Create the Docker containers by using Docker images.
* Launching EC2 instances in Amazon cloud.
* Prepare relevant documentation for releases such as Build/Release process document, Build Reports and Release Notes.

**Project 3:**

Title **: Passenger Information System for AC and Non AC Coaches**

Client  **:** Indian Railways

Role **:** Testing Engineer

Duration **:** Jan’2013 to june’2014

**Description:**

It is a Microcontroller based LED & LCD Display Boards System. It uses Global Position System (GPS) Receiver for Latitude and Longitude information and transferred to LED & LCD Display Boards. Position Data of the current station location shall be received from GPS Satellites through GPS receiver module attached with antenna. The location data received from the GPS unit shall be processed by the Coach Processor Unit and message of passenger interest shall be generated. The CPU shall provide an RS485 Port for transmission of the compiled messages to various kinds of display devices like Slave LED display, slave LCD displays and to Audio Announcement Unit.

**Responsibilities:**

* Check the synchronization of display and audio.
* Read all the documents and understand what needs to be tested.
* Develop test cases and prioritize testing activities.
* Execute all the test case and report defects, define severity and priority for each defect.
* Carry out regression testing every time when changes are made to the code to fix defects.
* Conduct the testing, thereafter analyze the results and then submit the observations to the development team.
* Creating test-product documentation and also has to participate in testing related walk through.