**MURE AMARANATHA REDDY Email:** amaranathareddy504@gmail.com **Mob No: +91 8073557135**

### Experience Summary:

* Having 6+ years of IT experience in Software Configuration Management, Build and Release.
* Have Good Working experience on Linux and Windows platform.
* Expertise in **SCM** techniques – branching, merging, access controlling and monitoring code changes**.**
* Good E2E knowledge in creating build jobs, configurations, integrating test cases and setting up distributed builds using master/slave concept using **Jenkins**.
* Good hands on configuring Pipeline, Multi branch pipeline, free style Jenkins jobs and scheduling.
* Handled Jenkins administration tasks like global configurations, Plugin management and backup tasks.
* Good experience on **Apache Tomcat** deployments.
* Work with Development teams and testing team to establish a build schedule, execute the builds and troubleshoot build failures, if any.
* Having Experience in creating Custom Docker images using Dockerfile.
* Containerization the Infrastructure using **Docker**, building images using Dockerfile.
* Worked on ticketing tool like **JIRA** and **Management Tool Rally.**
* Good understanding of Software Development Life Cycle (SDLC) processes. Supported teams through SDLC to achieve better productivity.
* 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.
* Good Knowledge over Container cluster management using **Kubernetes** and Architecture of Kubernetes.
* Good hands on **Ansible**, written Ansible Playbooks, ROLEs to achieve software configuration management and Continuous Delivery (CD).
* Good Knowledge working with **AWS** Services like EC2, S3, IAM, VPC, Autoscaling, Cloud Watch.
* Good debugging, root cause analysis and problem-solving skills.
* Good hands on Monitoring (Services and Hosts/servers) using Nagios Core.
* Good hands on Artifactory (**JFROG**), Static code analysis using **SonarQube**.
* Good knowledge on CHEF (Configuration Management & Continuous Delivery).
* Customer focused, organized, detail oriented with the ability to meet deadlines.

### Organization Summary:

* Working as **Engineer- Software** in **Cisco Systems India Pvt Ltd** (From **Mirafra Software Technologies**.,) Bangalore Since October 2017 to till date.
* Worked as **Senior** **Project engineer** in **Capgemini Technology Services India Limited** (From **Nexamatic Software Solutions Pvt Ltd**.,) Bangalore Since October 2013 to October 2017.

### Educational Summary:

* **B.Tech (Computer Science)** from JNT University, Anantapur with an aggregate of 67% in 2013.
* **Class 12th** from Board of Intermediate education Andhra Pradesh with 81% in 2009.
* **Class 10th** rom Board of secondary education Andhra Pradesh with 77% in 2007.

### Technical Skill Sets:

* Version control system (VCS) Tools : SUBVERSION (SVN), GIT.
* Continuous Integration (CI) Tools : JENKINS.
* Containerization Tool : Docker
* Configuration Management (CS & CD) Tools : CHEF, ANSIBLE.
* Cloud service : AWS, VSPHERE.
* Deployment tools : APACHE TOMCAT.
* Build Tools : ANT, MAVEN.
* Bug Tracking Tools : I CONNECT, JIRA.
* Operating Systems : LINUX, WINDOWS.
* Artifactory : JFROG, NEXUS.
* Testing Tools : JUNIT.
* Static Code Analysis Tool : SonarQube.
* Monitoring Tools : Nagios Core.
* Scripting Languages : SHELL SCRIPTING.

### Project Summary:

**Project #3**

Project Title  : Firepower Migration Tool (FMT)

Client  : Cisco Systems India Pvt Ltdd.

Role    : DevOps Engineer

Duration    : February 2018 – Till date

Team Size : 5

Tools : Bitbucket, Jenkins, Ansible, Docker, Docker-Compose, Elastic Search, Logstash, Kibana, MAVEN, Jfrog Artifactory, Python, Shell Scripting, AWS, Nagios Core.

**Description:**

Fire Power Thread Defense (FTD) is a Firewall Device which is a upgraded version of Cisco ASA product, these Firewall Device will have Configuration files consists of NAT Rules, ACL Rules, Group Policies etc. To Parse the customer Configuration files and Deploy those to FTD these files will go through Firepower Management Center (FMC) from which Configuration files will deployed into FTD.

Our application Firepower Migration Tool (FMT) will Parse the Configuration files and validate them and Push them to FMC, earlier we have only Core module operated through command line, our application gives us UI for the application.

**Roles and Responsibilities:**

* Implemented CI/CD Pipeline for the application and building up end to end Pipeline from SCM to Production Deployments using DevOps Tools.
* Automated and maintained generating Artifact (EXE) for the python application using Pyinstaller module and integrated with Jenkins pipeline.
* Developing groovy scripts (Jenkinsfile) to achieve CI/CD. Used Pipeline and Multibranch pipelines.
* Implemented E2E Automation by running Selenium Scripts against the application using maven through Jenkins to test application and share logs to the development team.
* Developed Terraform Scripts to spin up Virtual machines in AWS on demand basis using Terraform.
* Write and maintain Ansible Playbooks and ROLEs to achieve Software Configuration management and Continuous Delivery.
* Developing Docker-compose file for maintaining flask python API to upload Automation logs to PostgreSQL.
* Write and maintain Dockerfile to achieve Containerization.
* Configuring and maintaining Jenkins jobs with SonarQube analysis to check the code quality on every pull request received by Bitbucket Repositories.
* Monitoring Jenkins builds and resolving build related issues.
* Developed Dockerfile and customizing the Dockerfiles as per the application requirements.
* Implemented Elasticsearch, Logstash and Kibana Dashboards for report generation of Configuration files Parse results and Push results.
* Configured AWS S3 buckets, to store the Node modules and files generated from the frontend application.
* Configured Jfrog Artifactory to Jenkins to store and maintain the Artifacts.

**Project 2:**

Project Title  : Computed Tomography (CT)

Client  : GE Healthcare

Role    : Release Engineer

Duration    : June 2014 – October 2017

Team Size : 8

Tools : SVN, Git, Ant, Jenkins, Docker, Splunk, OP5, SonarQube, JFrog, Chef, Apache Tomcat, Linux.

**Description:**

This was a human body scanning product-based application. The mission of this project was that “takes a look” at people’s insides and promises early warnings of cancer, cardiac disease, and other abnormalities. This technology is referred as computed tomography. The expected output of this project would be finding unsuspected diseases at much early stages and take preventive actions accordingly to prevent those abnormalities.

**Responsibilities:**

* Perform Build and deployment activities as per Build calendar.
* Setup of JENKINS for continuous integration Build process.
* Distributing Builds using Master Slave with Jenkins.
* Perform automated deployments of Java artifacts on Tomcat server.
* Perform deployments on different environments like DEV, Test and PRE-PROD environments.
* Migration of Jenkins from one server to other.
* Troubleshoot Build issues and coordinate with development team on resolving those build issues.
* Troubleshoot application issues by log verification.
* SVN Administration.
* Managing Artifactories with the help of JFROG.
* Managing Code quality with the help of SONNAR QUBE.
* Maintain knowledge base to track different issues encountered.
* JUNIT Test cases applying and monitoring.
* Configure different Plugins to Jenkins.
* Experience in setting up Chef Workstation (Chef repo), boot strapping various enterprise nodes.
* Experience in working with Chef Cookbooks, Chef Recipes, Chef Attributes, Chef Templates.
* Experience in working with databags, attributes, cookbooks, recipes and templates in Chef.
* Taking care of requests like Adding & Removing run lists & Roles to the node.
* Taking care of Add (Bootstrap) & Removing Nodes from Chef server.
* Monitoring Services and Servers/Hosts using Splunk and OP5.
* Created custom Docker images using Dockerfile.
* Used Docker for setting up application specific container to the Testing environment on the Developer environment.
* Involved in preparation of post release documentation.

**Project 1:**

Project Title  : Standard Chartered self-banking application.

Client  : Standard Chartered.

Role    : Release Engineer.

Duration    : October 2013 to May 2014.

Team Size : 4

Tools : Linux, SVN, Apache Tomcat, Maven, Jenkins.

**Description:**

The Project was mainly for to support the customers anytime from anywhere. The main theme of this project was to give the better banking experience for the customers of Standard Chartered always and also to manage the customers efficiently and provide the banking services and the related requests on time without any delay so that to develop the business.

**Responsibilities:**

* Automate the build Process Using Maven and Jenkins.
* Prepare relevant documentation for releases such as Build/Release process document, Build Reports and Release Notes Carried out the Build Process daily for Testing and Execute the related DB scripts.
* Implemented the Release practice and responsible for pushing builds into SIT/ UAT/ Pre-Production/ Production.
* Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components and DB Script for issuing/installing successful builds and making it ready for the Release on time.
* Involved in Deployment of the application using Tomcat.
* Involved in build/Release management and carried out the quality product in UAT and Production.
* Project involved the usage of maintaining repository and version controlling.
* Tomcat Installation, Domain Configuration, Console Administration, Deployment.
* Production Support in distributed technologies.
* Worked closely with customers, developers and testing teams during all phases of the project.

**Place**: Bangalore (**Mure** **Amaranatha Reddy**)

**Date**: