# Hariprasadu Mora

**Email: vanihaari25@gmail.com**

**Mobile: +91- 9740294562**



**PROFESSIONAL SUMMARY:**

* A result oriented professional with around 9 years of IT experience in software Engineering with around 3 years of relevant experience in **Devops.**
* Designed and implemented a continuous build-test-deployment (**CI/CD**) system with multiple component **pipelines** using **Jenkins** to support weekly releases and out-of-cycle releases based on business needs
* Experience with container-based deployments using **Docker**, working with Docker images **AWS EKS**.
* Used Jenkins (**Jenkins Containers**) **pipeline** to drive all micro services builds out to the Docker registry and then deployed to Kubernetes cluster, Created **Pods** and managed using **Aws EKS/Kubernetes**
* Maintained volume claims (**PVC**) and persist the Volume (**PV**) for data availability for container.
* Used Kubernetes to orchestrate **deployment**, **scaling** and management of Docker Containers.
* Using package manager **helm** for Kubernetes.
* upgrade helm charts from helm2 to helm3
* Created **Docker images** using **Docker files** to support Containerization of applications.
* Configuring **Docker containers** and creating Docker files for different environments.
* Experience in working with **docker volumes**
* Creating **docker network** for docker containers
* Experience in **Docker-compose** and **Docker-swarm**
* Implemented, deployed, and maintained cloud infrastructure using **AWS**
* Implemented AWS Cloud platform and its features which includes **EC2, VPC, EBS, NACL, ECR ,NAT, system manager AMI, RDS,ELB, Autoscaling, IAM, S3, R53. ECS, EKS, ACM**
* Using analytics monitoring tool **Grafana**
* Extensively worked with source code management **Git, Git Lab**
* Experience in and demonstrated understanding of source control management concepts such as **branching**, **merging** and integration.
* Extensively worked with automation tools Jenkins to implement the End-to-End Automation.
* Configuring nodes in Jenkins and experience using multiple **plugins**
* Integrating Jenkins with **GIT** and **MAVEN**
* Setting up working with **Ansible**
* Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.
* Ability in development and execution of shell scripts.

**TECHNICAL SKILLS:**

**CI /CD Tool : Jenkins**

**Containerization Tool : Docker & Kubernetes and Helm.**

**Cloud Technology : AWS**

**Configuration Management : Ansible**

**Infrastructure as a Code : Terraform**

**Version Control : Git, GitHub**

**Build Tool : Maven**

**Web servers : Apache HTTP, NGINX**

**Operating Systems : RHEL7, Ubuntu**

**Scripting : Shell, Power Shell.**

**Application Server : Apache Tomcat, WebSphere**

**Database : RDS**

**Monitoring tools : Prometheus , Grafana**

**PROFESSIONAL EXPERIENCE:**

* Working as **Technical Specialist in** **HCL technologies, Bengaluru** from **Aug 2017** to **till date.**
* Worked as **Senior Engineer** in **Century Link, Bengaluru** from **July 2015** to **July 2017.**
* Worked as **IT Analyst** in **Accenture, Bengaluru** from **Nov 2012** to **July 2015**

**WORK EXPERIENCE:**

**Project# 3**

**Project Name : HCL Software**

**Role : Sr DevOps Engineer**

**ROLES AND RESPONSIBILITIES:**

* Configured Elastic Load Balancers (ELB) with EC2 Autos calling groups
* Implemented, deployed, and maintained cloud infrastructure using AWS
* Preparing SCM plan and implementing the SCM Process and policies
* Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins to support weekly releases and out-of-cycle releases based on business needs
* Experience with container-based deployments using Docker, working with Docker images in ECR Docker-registries and Kubernetes.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, GIT, Docker on Aws. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy with Terraform
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Worked on infrastructure with Docker containerization and maintained Docker Images and containers.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Experience, and leading up to building a continuous integration system for all our products.
* Experienced in all SCM activities like Branching, Tagging and Merging etc.
* Monitoring daily builds using continuous integration tool Jenkins. Automated Builds, deployment, and execution.
* Build experience with MAVEN tool.
* Writing build (Maven) and deployment scripts (Shell) to automate build and deployment of the application.

**Project# 2:**

**Project Name : Enercare, Delmont Fresh and PWC**

**Role : DevOps Engineer**

**ROLES & RESPONSIBILITIES:**

* Preparing SCM plan and implementing the SCM Process and policies
* Experienced in all SCM activities like Branching, Tagging and Merging
* Understanding of all major functionalities of git version control and introduced some of best practices in parallel development environments
* Educating developers/QA on CM tools and Build environment.
* Managing various environments like QA, staging and production. Building and
* Releasing the source code to these environments
* Monitoring daily builds using continuous integration tool Jenkins. Automated Builds, deployment, and execution.
* Build experience with Maven tool.
* Experience in GIT control tool.
* Setting up build jobs and Scheduled builds and email alerts regarding builds using Jenkins

Environment: Agile/Scrum, SDLC, Linux environment, Windows environment, Confluence, Jenkins, Graylog, Ansible, Nexus, Maven, ANT, GitHub, Jira, Apache Tomcat, Apache http Server (HTTPD), Docker, AWS VPC, EC2, EKS, Route 53, S3, ELK, Auto Scaling, Shell Scripts, CodeCommit, CodeBuild, Code Pipeline and Code deploy.

**Project# 1:**

**Project / Client : Renault and Nissan**

**Role : DevOps Engineer**

**ROLES & RESPONSIBILITIES:**

* Responsible for versioning the source code, releasing binary files, creating, and applying labels on source files and release files. Worked on Cloud Formation scripts to automate the infrastructure on AWS.
* Efficient in tracing complex build problems, release issues and environment issues in a multi component environment.
* Analyze and resolve compilation and deployment errors related to code development, branching, merging, and building of source code.
* Managed Linux staging and testing environments and automated application packaging and deployments.
* Automated the applications like Node.js (PM2 – Production Process Management), Java, Angular applications by creating Ansible playbooks and maintaining their source code in GitHub version control tool
* Written Jenkins pipeline code for automate the deployment process of applications from Staging to PROD/DR
* Setup few Cron jobs for to run the MYSQL dump files to load on to target servers
* Created Docker images using a Docker file, removing images, and managing Docker volumes
* Performed automation tasks on various Docker components like Docker Hub, Docker Engine, Docker Machine and Docker Registry
* Review work performance by others and provide recommended improvement of Jenkins CI/CD Focus
* Monitoring apps servers using ELK - Elasticsearch, Log stash and Kibana for debug and logging
* Worked on Log Rotation utility to setup the config file to migrate the logs from log producer servers to the Log stash server for parsing

Place: Bengaluru (Hariprasadu Mora)