

Unnam Vamsi Krishna

Mobile: +91 7989369102

DevOps Engineer

vamsidevops0215@gmail.com

## CAREER OBJECTIVE

Self - motivated DevOps Engineer/Consultant seeking a challenging and value-added position in an IT organization which will allow me to directly contribute to the growth and success of an organization. Proven willingness and ability to learn new systems and adapt with changing corporate environments.

## PROFESSIONAL SUMMARY

- Have 3+ years of experience in Software configuration Management as **DevOps Engineer** on **LINUX** environment and **Windows OS**.
- Hands on experience in **DevOps** and Infrastructure management with automation tools.
- Administering Github repository, creating branches, resolving merge conflicts, reviewing pull requests
- Strong knowledge about version control system **GIT**.
- Hands on experience in Maven build tool for compiling and packaging the artifact.
- Excellent skills in applying Continuous Integration and Continuous Delivery processes & tools [Example: **Git, Jenkins, Maven, Docker, Ansible, Apache Tomcat etc...**]
- Expertise on Installation and Configuration of Continuous Integration tool **Jenkins**.
- Created automated build and release environment using Continuous Integration Tools **Jenkins**.
- Daily activities include creating builds, deploying the artifacts in multiple Dev and QA environments and debugging build failures and worked with development and QA teams to resolve the same.
- Implement **Master** and **Slave** concepts in **Jenkins**.
- Experience configuring and updating the servers using **Configuration Management** tool **Ansible**.
- Setting up the Public and Private repository for complete infrastructure.
- Hands on experience in integrating **Nexus** and **Jfrog Artifact** repository with Jenkins pipeline.
- Good Experience in **Docker**, created the **Dockerfiles**, build the **Docker Images**, run the Docker Containers for using different environments.
- Good experience on **Docker Network** and **Docker compose**.
- Hands on Experience on Container Orchestration Tool like **Kubernetes**
- Work with the Development and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.

- Responsible for code merges on a regular frequency to integrate the source code from various branches to maintain baseline code after every release.
- Managed environments **DEV, QA, UAT** for various releases and designed instances.
- Experience in creating the company's DevOps in a mixed environment of Linux (Ubuntu) servers along with creating and implementing a cloud strategy based on Amazon web servers.
- Good experience in **Ansible** by using ansible to Automate IT Infrastructure and control and manage their infrastructure.
- Good experience in **Ansible Playbooks** with **Ansible roles**. Used file module in Ansible playbook to copy and remove files on remote systems.
- Working on AWS.
- Experience with cloud infrastructure of **AWS** (Amazon Web Services) like **EC2, IAM, S3, VPC, Autoscaling, Load Balancing** and **SNS**.
- Deploying the applications through **UCD** to **DEV, QA, UAT** and **PROD**.
- Experience with cloud infrastructure of **AWS** (Amazon Web Services) like **EC2, IAM, S3, VPC, Autoscaling, Load Balancing** and **SNS**.

#### Technical Skills:

Version Control Tool	GitHub
Build Tool	Maven
Cloud Services	AWS (Amazon web services)
Operating Systems	Linux
Scripting Languages	Shell Script
Repository	Nexus
Continuous Integration tool	Jenkins
Configuration management tools	Ansible
Containerization platform	Docker
Orchestration	Kubernetes
Monitoring Tools	Prometheus
Testing Tools	Sonarqube

#### WORK EXPERIENCE:

- Currently working as a **DevOps Engineer** in **TECH MAHINDRA in Bangalore**, from November-2018 to till date.

### **Educational Qualification:**

- **Bachelor Degree from Sri Venkateswara College Of Engineering & Technology - 2018, Chittoor.**

### **Projects Handled:**

#### **Project # 3:**

Project : **Ericsson**  
 Environment : **Git, Maven, Jenkins, Ansible, Docker, Kubernetes, AWS**  
 Operating System : **Linux**

#### **Roles & Responsibilities:**

- Installing and configuring GIT, Jenkins, Deployment and automation.
- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Developed and implemented Software Release Management strategies for various applications according to the Agile process.
- Identify the root cause, and resolve problems.
- Maintaining the source code in GIT for various applications.
- Administered merge, build and deployment of the codes to all the environments.
- Responsible for creating the branches and tagging the code.
- To configure and maintain a codebase to support the build and deployment of code on servers.
- Supporting the developers in the configuration management environment.
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
- Jenkins is used as a Continuous Integration tool for automation of daily processes.
- Involved in the release process and deployed applications (WAR) to the Apache Tomcat.

#### **Project # 2:**

Project : **Loan Application Portal (Marlin Business Bank)**  
 Environment : **Git, Maven, SonarQube, Jenkins, Docker, Ansible**  
 Operating System : **Linux**

#### **Roles & Responsibilities:**

- Configured Jenkins CI tool for project and setup Nightly Builds.

- Automated the code deployment process in each environment (development, QA Staging, Production).
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins.
- Installation, Configuration and Administration of Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches. conventions using GIT source control.
- Accomplished in tool automation using Shell scripting.
- Participated in Bug review meetings and release the builds to pre-production and production servers.
- Involved in deployment of the application using Tomcat.
- Responsible for the deployment on Linux for Dev/ QA, staging, and production environment.
- Preparing the build statistics and produce to the management team.
- Hands on Experience with configuration management tools like Ansible.
- Written playbooks, roles in Ansible and Integrated the Ansible playbooks with Jenkins.
- Coordinated with developers and managers to make sure that code is deployed in the production environment.

#### **Project # 1:**

Project	:	<b>Leaserep (Marlin Business Bank)</b>
Environment	:	<b>Git, Maven, Apache Tomcat, Jenkins</b>
Operating System	:	<b>Linux</b>

#### **Roles & Responsibilities:**

- Installing and configuring GIT, Jenkins, Deployment, and automation.
- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Developed and implemented Software Release Management strategies for various applications according to the Agile process.
- Identify the root cause and resolve problems.
- Maintaining the source code in GIT for various applications.
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