**MANIKUMAR MOPURU**

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### SYNOPSIS

#### Software Integrator and DevOps Engineer for complex systems with around 4+ years of experience in designing the CI/CD process including Software Configuration Management, development cycles, compilers, Server configuration, scripting, Continuous Integration, product packaging, installers and managing Release cycles under a variety of Technologies.

### SPECIALTIES

**Build infrastructure design**, **SCM, GIT, Docker Swarm, Ansible, Continuous Integration, Continuous Delivery, Configuration Management, Release Automation, Installers, Packaging, Jenkins,Build languages, Shell Scripting, Ant, Maven, Apache Tomcat, Linux, AWS**.

### PROFILE SUMMARY

* Worked on **Docker**, **Ansible.**
* Worked on **Jenkins.**
* Worked on **SCM GIT and GitHub.**
* Worked on branching and merging strategies for **agile projects.**
* Managing the repository access management, resolving the access issues, mentoring the development teams, repository migrations and repository backup management.
* Worked with multiple project teams to setup build automation scripts using **ANT** and **MAVEN**.
* Experience in writing the build automation scripts for web applications and enterprise java applications using build.xml and **POM.XML.**
* Solid experience in the administration and performance tuning of application stacks like **Apache Tomcat**.
* Involved in creating **Jenkins** jobs for multiple applications and integrated with different tools as part of continuous integration process.
* Managed the Jenkins in distributed environment and responsible for troubleshooting the **build** and **deployment failures**.
* Build verification testing for Jenkins jobs and automated the unit and other testing automation as part of Continuous integration process.
* Responsible for managing the release documents and co-ordination process with different teams as part of release team.
* Worked in change control board to manage the multiple change request to pass the multiple environments.
* Followed best practices to automate the release automation and worked in **production** releases and coordination with different stakeholders in entire release.
* Experience in writing the **Shell** scripts to automate the deployment process for multiple environments to any manual processes.
* Working on AWS cloud such as to manage and configure **EC2, S3, EBS, AMI, ELB, VPC ,SUBNETS, ROUTE TABLES, SECURITY GROUPS, NACL , IAM**

### TECHNICAL SKILL SET

**Version Controlling Tools :** GIT, Git hub

**CI/CD Tools :** Jenkins

**Build Tools :** Maven

**Configuration Management tool** : Ansible

**Scripting Languages :**Shell Scripting

**Operating Systems :**LINUX, Windows

**Web/Application Servers :**Apache Tomcat

**Containerization Tools :**Docker

**Orchestration Tools :**Docker Swarm

**Ticketing Tools :**JIRA

### IT EXPERIENCE

### Worked as a DevOps Engineer in Infosys from Aug 2019 to till date

### Worked as a DevOps Engineer in CSC from Feb 2018 to July 2019

### EDUCATION

* Bachelors in Mechanical From JNTU-A

### PROFESSIONAL EXPERIENCE

# Project : Marriott

**Role:DevOps Engineer**

**Tool Set: Linux, GIT, Jenkins, Maven, Docker, Ansible**

* Implementing **CI/CD** using **Jenkins Pipeline** using **Docker-Jenkins Integration**.
* Responsible for providing senior level expertise on decisions and priorities regarding the enterprise's overall systems architecture.
* Experience with Docker Containers in production environments with many nodes & establish automated application deployments to various environments .
* Build, create and maintain automated solutions with scripting, Jenkins, build systems, shared resources and other integrated system.
* Responsibilities include developing complex build, test, provision, secure and deployment systems and providing support to a large community of **developers** and **testers**.
* Worked on Branching and Merging, Resolving Branching Strategy, maintaining Branching strategy using **GITand Github.**
* Writing basic **plays** for On-premise Server Management.
* Implementing Continuous Delivery pipeline with **Docker**,**Maven**, **and Jenkins**.
* Executing builds and troubleshooting builds, Interaction with development and QA teams.
* Created **Ansible Playbooks** for Push Button Deployments through **Jenkins**.
* Managed Server configuration through **Ansible Playbooks**.
* Solid experience in the administration and performance tuning of application stacks like **Apache Tomcat.**
* Implemented the setup for **Master slave** architecture to improve the Performance of **Jenkins.**
* Test cases reports & Code Coverage details.
* Good team player and also have ability to work independently in a time sensitive environment.
* Well organized, results oriented individual with proven ability to implement standards, procedures and processes that improve business functionality.
* Troubleshooting and performance tuning of various systems problems such as application, network and hardware related issues.
* Involved in **Agile process**, by-weekly **Sprints** and daily **Scrums** to discuss the progress.
* Proven ability to work efficiently in both independent and team work environment. Energetic and perseverant self-starter.
* Working on AWS cloud such as to manage and configureEC2, S3, EBS, ELB, AUTOSCALING, VPC, SUBNETS, SECURITY GROUPS, NACL,and IAM.

**Project 2:-**

**Project: JCREW**

# Role:DevOpsEngineer

**Tool Set: Linux, Jenkins, Ansible**

* Worked in implementing the **DevOps** in **sourcecodemanagement**, **Build automationCI&CD**
* Achieved the end to end automation from development to production by defining the different processes, tools and scripts.
* Designed **CI/CD** processes in the context of a **Jenkins** orchestration, including the usage of automated build, test/QA and deployment tools.
* Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Production.
* Specialized in automating tasks and process through **scripts** and managed package repositories .
* Solid experience in the administration and performance tuning of application stacks like **Tomcat.**
* Configured local **Maven repositories** and repositories and scheduled projects in **Jenkins** for **continuousintegration**.
* Establishing standards for build artifact management and build configuration.
* Collaborated with Continuous Delivery Framework Team in developing plan to implement **ContinuousIntegration** (**CI**) and **ContinuousDelivery** (**CD**) for all components and services.
* Monitored**developed applications** and **fixed bugs**.
* Created a **continuous delivery pipeline** from the ground up built with **Git**, and **Jenkins** for Target's Finance Integration Team.
* Each Java application is automatically built, packaged and tested with **git hooks** and then deployed to the various environments.
* Scheduling **snapshots** of volumes for backup and find root cause analysis of failures and documenting bugs and fixes.­­
* Provide direct server support during deployment and general production operations.

M.Mani Kumar