

Manikanth Reddy Abbu
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Professional Summary:

- Over 4.8 Years of progressive, professional experience in **DevOps** and **Software Configuration Management** which includes Build setup, Continuous Integration, Source Code Management process setup.
- Hands on Experience in tools like **Git, GitHub, Maven, Jenkins, Ansible, Docker, Kubernetes Bitbucket.**
- Experience in using source code management tool **GIT.**
- Experience in using build tool **Maven & Kaniko.**
- Hands on experience in Automation of build process (**Build Automation**) using the Git, Maven and **Jenkins.**
- Experience in using **Nexus Repository** to store the Build artifacts.
- Familiar with Infra-provisioning Tool – **Terraform**
- Hands-on experience with **Ansible** as configuration management tool in large production environments.
- Wrote **Playbook, Modules** and utilized community Playbooks as well.
- Good working experience in the Linux **environment.**
- Deploying the JAR and WAR into Tomcat Application Server.
- knowledge in **Amazon AWS** Cloud which includes services like: **EC2, S3, IAM, Load Balancer,**
- Good interaction with developers, managers, and team members to coordinate job tasks and strong commitment to work.
- Ability to learn new technologies quickly.
- Have touch-base knowledge in **Kubernetes** and currently working on Cloud-Native Technologies like **Tekton CI/CD** pipelines, **ArgoCD**

TECHNICAL SKILLS

Source Code Management	GIT
Build Tool	Maven
Continuous Integration	Jenkins, Tekton
Configuration Management	Ansible
Artifactory Server	Nexus, JFrog
Application Server	Apache Tomcat, NGINX

Infra-Provisioning	Terraform
Operating Systems	Windows, Linux (CentOs, Ubuntu)
Project Management Tool	JIRA
Cloud Technologies	AWS (EC2, S3, IAM, Route53)
CloudNative CI-CD	Kubernetes, Tekton, ArgoCD

Roles and Responsibilities:

- Worked on Branching and Merging, Resolving and maintaining branching strategy using **GIT**.
- Resolved conflicts related to merging of source code.
- Installing and configuring **Jenkins**, plug-in installation, configuring security.
- Creating a Jenkins master and slave for the implementation of multiple **parallel builds**.
- Creating Jenkins builds jobs based on the requirement.
- Integrated Git, Jenkins, Maven in accomplishing continuous integration with poll SCM, build trigger.
- Deploying the generated artifacts using Ansible.
- Setting up the Ansible **Master** and Ansible **Nodes**, writing playbooks.
- Infrastructure provisioning on AWS using **Terraform**
- Launching Amazon EC2 Cloud Instances, Setting up **Kubernetes** cluster (**minikube** and **KOPS**)

ORGANISATION –TCS Ltd. (Feb 2017 – till date)

Projects:

Account – HUMANA Inc. (June 2020 – Sep 2020)

Project Name: Data Governance-RPA

Role: DevOps Support

Tool: Git, Maven (Build Tool), TFS, Jenkins, Change Management, Dynatrace

Account: Motorola Solutions Inc. (Nov 2020 – March 2021)

Project Name: Enterprise Data Hub

Role: DevOps Support

Tools: Jenkins, Git, Bit-Bucket, JIRA, AWS EC2, AWS S3 storage

Account: NextGen (R&D) (April 2021 – Till date)

Project Name: OpenSource Mano (OSM) application

Role: DevOps Engineer

Tools: Kubernetes (minikube, KOPS), AWS, Tekton CI/CD pipelines, GitOps(ArgoCD)

Appreciations & Awards:

- Have received “On Spot award”, “Best team award”.
- Have received many appreciations from PL and clients. Also received Fresco-miles award for keeping up my learning curve with the emerging technologies.