# KORAPATI KESHAV VENKAT RAM

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**Professional Summary:**

Having 3+ years of IT experience as an AWS Cloud Engineer involved in SCM, Build Release, GIT, Jenkins, Maven, Ansible, Docker, Apache Tomcat, and Linux environment.

✔ Strong Experience in Linux/Unix.

✔ Expertise in **Version Control System** such as **GIT.** In GIT, Creating a **Branch and Merging Multiple Branches** and shift files from One Branch to another Branch.

✔ Extensively worked on **Jenkins** for **CI** and for End to End Automation for all **Build and Deployments.**

✔ Expertise in Installing **Jenkins** on a **Linux** Machine and Created a **Master and Slave Configuration** to Implement Multiple Parallel Builds through a Build farm.

# ✔ Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & Tools [Git, Jenkins, Maven, Ansible, Apache Tomcat, Python Scripting etc].

✔ Strong Experience in **Creating and Configuring New Build Jobs**, **Plug-ins Management, Distributed Builds using Master/Slaves and other Administration Tasks in Jenkins.**

✔ In Jenkins, Installing **SonarQube Plugins** and to performing **Quality, Bugs, Complexity** and

**CodeQuality**. Managing artifacts repositories by using **NEXUS Artifactory.**

✔ In Jenkins, to **Setup EMAIL Notifications to Developers.**

✔ Written Playbooks for Deploying objects from **Jenkins/S3 Bucket** to **Tomcat** through

**Ansible**.Worked on **Application Servers** like **Tomcat** to deploy the code.

✔ Configuring the **Docker Containers** and **Creating Dockerfile** for different Environments.

✔ Worked on **Kubernetes** to orchestrate the deployment, managing and scaling of docker containers.

✔ Creating EC2, VPC, ELB, Auto Scaling using **Terraform** on AWS.

✔ Skilled with Cloud To design Infrastructure as a Service **(IAAS)** Amazon Web Services –

# EC2, S3, VPC, ELB, Auto Scaling, Route 53, VPC, IAM, SNS.

✔ Configuring **Elastic Load Balancer (ELB)** for distribution incoming application traffic across

# Multiple EC2 Instances.

✔ Creating **AMIs, Snapshots, and Volumes and Managing EBS Volumes.**

✔ Managed and Supported AWS Services such as **IAM, S3, Elastic Load Balancing, Route53 (DNS).**

**Technical Skills:**

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| ✔ **Version Control** | **GIT, GIT-HUB** |
| ✔ **Bug Tracking Tool** | **Jira** |
| ✔ **Continues Integration Tool** | **Jenkins** |
| ✔ **Build Tool** | **Maven** |
| ✔ **Scripting Language** | **Shell & Python** |
| ✔ **CM TOOL** | **Ansible** |
| ✔ **Container Management Tool** | **Docker** |
| ✔ **Application Server** | **Tomcat** |
| ✔ **Artifactory Repository** | **Nexus** |
| ✔ **Code Analysis Tool** | **SonarQube** |
| ✔ **IAC** | **Terraform** |
| ✔ **Container Orchestration Tool** | **Kubernetes** |
| ✔ **Cloud Technology** | **AWS** |
| ✔ **Operating systems** | **Linux(RHEL) and Windows Family** |

**Work Experience:**

✔ Currently working as a Devops Engineer for Capgemini from July 2018 to till date.

**ACADEMICS:**

✔ **Bachelor of engineering (BE) from ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (ANITS) in 2016.**

**Project Summary:**

**Project 2:**

# Project: Humana

**Role:** Devops Engineer **Duration: Feb 2019 to Till now. Responsibilities:**

✔ Configured Jenkins with maven build tool to generate the war/ear files and archived them.

✔ Integrating Git and Maven with Jenkins to achieve continuous integration and configured Jenkins with Poll SCM build trigger.

✔ Integrating Jenkins with Nexus Artifactory to Store the artifacts and Versioning the artifacts with time stamp.

✔ Configured Jenkins Nodes to build jobs in order to distribute the load of Jenkins Master.

✔ Perform deployments to multiple environments like Dev, QA and UAT environments.

✔ Installing and configuring Ansible and Involved in writing Ansible playbooks for configuring the servers.

✔ Writing inventory files and Ansible configuration files.

✔ Creating playbooks in Ansible for configuration and Deployment activities.

✔ Convert the playbooks in Roles for reusability and Scalability

✔ Configured packages, services using Ansible modules like yum, service, templates, handlers etc.

✔ As most of the infrastructure is hosted in AWS Cloud and responsible for Creating and managing EC2 Instances.

✔ Writing Docker files and Creating Docker Images for successful builds if needed.

✔ Maintaining AMI’s for backup of configured EC2 instances.

# Project 1

**Project: Sears E-commerce**

# Role: Devops Engineer Duration: July 2018 to Jan 2019 Responsibilities:

✔ Deployed and Monitored Scalable Infrastructure on Amazon Web Services specifically on AWS EC2

✔ Maintaining a farm of EC2 instances, S3, ELB’s, Cloud watch and SNS.

✔ Manage Configuration of Web App and Deploy to AWS Cloud Server through Ansible.

✔ Working and supporting different Environments with help of Ansible to Deploy Applications in different Target Environments.

✔ Built and Managed a large Deployment of Red-hat Linux Instances systems with Ansible Automation.

✔ Creating user accounts for the Dev and QA team using AWS IAM

✔ Created Docker Images using Docker file to support Containerization of applications

✔ Responsible for Creating the Jenkins Pipelines for Automation job creation.

✔ Integrated Jenkins through Github Authentication.

✔ Configured Jenkins Jobs, install plug-ins for generating Project artifacts. Setup the Nexus Artifactory for Deploys the Artifacts.

✔ Resolving build issues like adding the build profiles on Maven Configuration file.

✔ Enabling the SonarQube Quality gates for the modules of the project to maintain the Stability of the code quality.

✔ Configuring and enabling the SonarQube through Jenkins pipeline jobs.

✔ Enabling the Git Tagging through Pipeline for every Released Component .

✔ Resolving the Build issues and Deployment.