

G VINOD KUMAR

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Objective

To work in a creative and challenging environment where I can utilize my skills for developing my career and for the growth of the organization.

Professional Summary

3.5 years of experience in the **IT industry** as a **Software Engineer in DevOps**.

Proficient in **DevOps** Tools.

Expertise in Automation Tool **Jenkins**.

Hands on experience in **Ansible, Docker, Maven** and **Jenkins**.

Hands on experience on Version Control Systems like **GIT** and **GITHUB**.

Used Git extensively in every project to store all kinds of code.

Experience in understanding of **Git stages** like **workspace, stage/index, local repository** and **central repository** also **cleaning git repository**.

Aware of some advanced concepts like **Ignoring git file, Git stash, git rebase, git bisect, git squash** and **git cherry pick**.

Experience understanding between **git reset** and **git revert** concepts.

Experience in Installing and configuring build tools **Maven/Ant**.

Experience in **Maven** architecture and Maven's main configuration file **POM.XML** and Multi Module projects to avoid manual builds.

Complete hands on experience in working with Jenkins like establishing complete **Jenkins CI-CD pipeline, managing & assigning roles**, certain **privileges** with respect to **user accounts**, working with **slaves, restrict labels in slaves, upstream projects** and **downstream projects**.

Experience of **docker**, its components and **docker workflow**.

Experience in Docker concepts like **OS level virtualization** and **Union file system, layered file system** which docker follows.

Experience in **pulling docker images & creating from docker file**.

Experience in working with **docker volumes** and **sharing volumes** among containers and between container and host.

Experience in using all kinds of **dockers instructions in Docker file**.

Experience in creating demonized **docker containers & port mapping in Docker**.

Experience in setting up the **docker registry** server to **push images to docker hub**.

Well-aware of Installation and Configuration of **Ansible**.

Experience in dealing with inventory file and host patterns, Idempotency concepts, modules, and writing Playbooks, experienced in **YAML**.

Experience in **Ansible Roles** by including all sections inside **Ansible Playbook**.

Launching **Amazon EC2 Instances** utilizing Amazon Web Services (Linux/Ubuntu).

Experience in using **Cloud Watch monitoring service**, aware of default and detailed monitoring.

Basic knowledge in Bash shell scripting.

Experience in using **Zabbix** tool for monitoring CPU utilization.

Experience in **Terraform** to create **AWS** infrastructure.

Academics

M.sc(Computer Science) with **62%** from Sri **Venkateswara** University, Tirupati in the year of 2018.

Career History

Working as a DevOps Engineer for **Capgemini** from March 2019 to till date.

Technical Skills

Languages	: YAML & Bash Shell Scripting
DevOps Tools	: GIT, Docker, Ansible, Jenkins, Maven, Terraform and CloudWatch, Zabbix, Jira.
Linux	: Cron job, Enhanced user security with Sudo privileges, back up & restore (tar and gzip), Deploy automation.
Servers	: Web Server and Tomcat server
Operating Systems	: Windows, Linux, Ubuntu.

Professional Experience

Project Assignment 1:

Name	:	Pet Clinic.
Role	:	DevOps Engineer.
Environment	:	GIT, Maven, SonarQube, Nexus, docker, YML, Zabbix, Kafka, Tomcat, JBoss, AWS, MySQL.

Responsibilities:

Launching **Amazon EC2 Instances** utilizing Amazon Web Services (Linux/Ubuntu).

Installed and configured **GIT** and **GitHub** in organization, Well versed in managing SCM repositories like Git, GitHub.

Installed and configured **Jenkins** in both windows and in Linux machine.

Installed and configured java as pre-requisite to install Jenkins and Integrated many tools with **Jenkins** like Git, Maven/Ant, JUnit/Selenium, Tomcat web servers.

Configured build tools like **Maven/Ant** and Integrated with **Jenkins**.

Installed many plug-ins like **GitHub, Ant, check style, JUnit, Deploy to container, and build-pipeline**.

Created free style projects, maven projects and configured **upstream projects**.

Configured Scheduled projects by enabling **POLL SCM** to run projects frequently.

Established complete **Jenkins CI-CD pipeline** and automated complete workflow of build and delivery pipeline.

Created **Docker containers** for client environment.

Configured and installed **Tomcat server** in Ec2 instances using **Docker containers**.

Established complete pipeline workflow starting from pulling source code from git repository till deploying end-product into **Tomcat server**.

Configured and installed **Ansible** for creating infrastructure.

Written **YAML playbooks** to install & configure software's using **ansible server**

Created **Zabbix** services for monitoring CPU utilizations.

Project Assignment 2:

Name : United Health Group.

Role : DevOps Engineer.

Environment : Git, Docker, Ansible, Jenkins, Jaco, Sonar, Jira, ELK, Confluence, Tomcat, AWS, Terraform.

Responsibilities:

Installed **Terraform** for creating **AWS** infrastructure using **scripts**.

Worked as a **DevOps Engineer** for a team that involves three different development teams and multiple simultaneous software releases.

Installed and configured **GIT** and **GitHub** in organization, Well versed in managing SCM repositories like Git, GitHub.

Configured build tools like **Maven** and Integrated with **Jenkins** and also **JUnit** for **check style report**.

Installed and configured java as pre-requisite to install Jenkins and Integrated many tools with **Jenkins** like Git, Maven/Ant, JUnit, Tomcat web servers.

Installed many plug-ins like **GitHub, check style, JUnit, Deploy to container, and build-pipeline**.

Created free style projects, maven projects and configured **upstream projects**, Configured Scheduled projects by enabling **POLL SCM** to run projects frequently.

Established complete **Jenkins CI-CD pipeline** and automated complete workflow of build and delivery pipeline.

Installed and configured **docker** for creating **docker containers** for **testing application** in client environment.

Installed **ansible** for creating **infrastructure** using **YAML script playbooks**.

Using **ansible** created playbook for installing and configuring **Tomcat server** in **webservers**.

Established complete pipeline workflow starting from pulling source code from git repository till deploying end-product into **Tomcat server**.

Created **Cloud watch** services to Ec2 instances for monitoring CPU utilizations.

Declaration

I hereby declare that all the above information given by me is true to best of my knowledge and I hold the responsibility of the above-mentioned information.

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