# VENKATA NAGA GOPIRAJU

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# Objective:

To work with dedication & constantly strive for excellence and perfection in the assigned task and to be a better individual with every day by constant self-motivated learning and improvement.

**Professional Experience Summary**:

* Have 4+ experience on Dev Ops, Build & Release Management.
* Having Knowledge on Microservices Concept.
* Hands on creating CICD pipeline using the tools like GITLAB, Maven, Jenkins, Nexus and Onprem/AWS.
* Hands on experience in working with CI/CD tools like **JENKINS** plugins
* Hands on experience in working with **DevOps** tools like **GIT, Maven, Ansible, Jenkins, Terraform.**
* Implemented POCs for application deployment on **Kubernetes** cluster using manifest yamls.
* Experience in Linux, GIT, Jenkins, Ansible, Docker, Kubernetes, Apache Tomcat, AWS
* Experience in working with Docker Containers, worked on creating Docker Files, building Images, Docker Compose and also on Container Orchestration with Docker Swarm and Kubernetes
* Experience in building CI/CD pipeline as an iterative process using Jenkins
* Hands-on experience in automating CI/CD pipeline using Jenkins tools
* Understanding of client environment, administrating and creating solutions using AWS Services, CI/CD, and GIT
* Experience in Jenkins Master Slave nodes configuration to build jobs in the view of distributing the load of server and achieved parallel build
* Adept in configuring Jenkins job with related plugins for Testing, Artifactory, and Deployments to accomplish the complete CI/CD
* Experience in security mechanisms, matrix-based, role-based security in Jenkins to restrict the users of Jenkins at different levels.
* Experience in migration and upgrade of Jenkins
* Hands-on experience in setting up, configuring Ansible for provisioning, orchestration, configuring nodes and deployment
* Experience in creating Ansible playbooks and roles for configuration and reusability
* Automated deployment to all environments (Dev, QA Test, Demo, Performance Test and Staging/UAT)
* Expertise in managing Autoscaling and CloudWatch and Stack Driver services for applications
* Hands on experience with **SSL/TLS certificates**, CSR generation and SSL Renewal, Installed **wildcard** certificates.
* Hands on experience with monitoring tools like **ELK, NewRelic**

**Technical Skills:**

**Operating Systems :** Linux, RedHat, Ubuntu**,** Windows

**Cloud :** AWS

**DevOps Tools :** Git, Jenkins, Ansible, Terraform, Linux, Docker, Kubernetes

**Databases :** SQL, MongoDB

**Web Technologies :** Full Stack

**Monitoring Tools** **:** NewRelic, Kibana, ELK,

**Tools :** Service Now, Jira, Bitbucket, Version1

**Education Qualifications:**

# B.Sc. – Acharya Nagarjuna University, 2016.

**Work Experience:**

* Currently working as Devops Engineer for **CIWIN SYSTEMS** from **June 2017** to **Nov 2021**

# Project #2

**Client:** Ramboll

**Role:** Devops Engineer

# Domain: Construction

**Responsibilities:**

* Maintaining **GIT** source code repository and backup files in **GITHUB**.
* Experience in cloning the repository and creating branches and **tags** from master to separate build system after a milestone release.
* Create and configure new jobs for each and every Java application in **Jenkins**.
* Involved in **SCM** migration activity to GIT and build migration activity from Maven
* Create and establish build process using **MAVEN** to perform builds efficiently and deployment of the application using Tomcat.
* Administration of Continuous Integration tool Jenkins.
* Building and deploying the Micro Services to various environments like UAT and production Environments on weekly builds.
* Automating the Build and deployment process using Jenkins tool.
* Making the Configuration Changes in UAT and Production.
* Fixing the build and deployment issues in a short period of time without affecting the production.
* Created and maintained environment in **AWS**.
* Implemented POC for helm charts deployment on **Kubernetes**.
* Enhanced build infrastructure by adding more automation to build **scripts**.
* Resolved the build and **deploy** issues during implementation of web applications.
* Handled multiple environment builds to create build setup and perform deployment activities.
* Automated deployment of web services to on-premise using **ansible playbooks**.
* Setup metric beat for infra monitoring and created dashboards in **Kibana**.

**Project #1**

**Client:** Ladbrokes

**Role:** Devops Engineer

**Domain:** Trading

**Responsibilities:**

* Deploying Spring boot Services on On-Prem in PROD and PREPROD environments
* Deploying container apps using **Ansible** and **Jenkins**
* Troubleshooting OnPrem VMs, Linux based
* As a Team Migrated AWS environment to on-prem data centers as per plan
* Created network architectures for better connectivity and migrating services from cloud to Onprem
* Worked with AWS services: EC2, S3, RDA, VPC, ELK, Elastic Cache
* Implemented alerting and monitoring system with **NewRelic**
* Created shell scripts for the automation of **VM Setup** activities
* Hands on experience with **JENKINS builds, plugins and Jobs**
* Developed build using **Maven** as build tools
* Configured and renewed **SSL certificates** on Containers/pods
* Configuration of Jenkins CI tool for automated build & deployment process and Integrating Jenkins with **Docker & Ansible**.
* Provided on call support for high severe issues on 24/7 basis
* Involved in monthly **change management** process and production releases
* Troubleshooting p1, p2, p3 incidents with in SLAs
* Supporting multiple environments like DEV, QA, STAGE and PROD in deploy failures
* Able to work and manage shift independently
* Monitoring the **CPU and Disk space** alerts working on them and integrated with **ELK**
* Experienced in working with changes and release management
* Building and Releasing the Maintenance Releases (MRs), Hot-fixes and Patch releases.
* Deploying the microservices to production on by following the release page to Distribution Centers and make sure to complete deployment on time without issues.
* Creating and implementing the Change Requests for production and test environments using Incident Management Tool.
* Automating the reoccurring tasks.
* Experienced in documentation maintenance and updating for every release
* Experience in working with multiple teams like N/W, DEV and Infra Teams to fix the issues
* Monitoring network and application performance using **NewRelic** and administrating alerts for the critical failures.

**Affirmation:**

I hereby declare that the information furnished above is true and correct to the best of my knowledge.

# VENKATA NAGA GOPIRAJU