

## Venkat

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### Objective

Seasoned DevOps Engineer with a proven track record of over 5 years in the industry, adept at leveraging cutting-edge technologies and best practices to streamline software development, deployment, and operations processes. Seeking a challenging role in an innovative organization where I can contribute my expertise in DevOps methodologies, cloud technologies, and automation to drive continuous improvement and achieve business objectives.

### Professional Summary

- Having experience in of **Build/Release** and **DevOps** methodologies and setting up and maintaining CI & CD pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.
- Expertise in supporting multiple projects during **builds and release process**.
- Hands on experience with version control tool **GIT and GITHUB**.
- Good working experience on Linux Operating Systems.
- Hands on Experience with Build Tool **Maven** to generate project Artifacts.
- Hands on Experience in automating build process using **JENKINS** CI Tool.
- Written Groovy script for **pipeline** project.
- Worked on ticketing tool like **ServiceNow**,
- Integration, deployment and administration of Java Application servers – Tomcat Application Server across Linux platforms.
- Experience in integrating Code Quality Analysis Tools like **SonarQube**.
- Having good knowledge in Amazon EC2 technologies **EC2, S3, EBS, Auto scaling** and **ELB**.
- Managing PaaS platform hosted on AWS running with 99.99% uptime using Auto scaling.
- Experience in using **Nexus**, Artifactory Repository Managers for Maven builds.
- Integrating Nexus with Jenkins to store artifacts
- Experience in writing **Ansible** Playbooks, Roles for configuration management.
- Expertise in creating **Docker Images** from **Dockerfile** and maintaining it in private Artifactory repository **Nexus**
- Hands on experience in Container Orchestration tool like **Kubernetes**.
- Good experience in writing **Docker-Compose** yaml files.
- Good experience on creating the Kubernetes cluster management and writing the **manifest** files

## Technical skills

Version control system	Git, GitHub
Operating Systems	Linux
Scripting	Shell Scripting
Build Tools	Maven
Application Server	Apache Tomcat
Artifact repository Manager	Nexus
Quality code Management Tool	SonarQube
Configuration Management Tool	Ansible
Continuous Integration Tools	Jenkins
Cloud Environment	AWS
Containerization Tool	Docker
Container Orchestration	Kubernetes.

## Academic Credential

- Bachelor of Commerce from Sri Venkateshwara University Tirupati.

## Project -1

<b>Project Name</b>	AIG
<b>Client</b>	Accenture Bangalore
<b>Role</b>	DevOps Engineer
<b>Duration</b>	July-2018 To Aug-2021
<b>Services &amp; tool</b>	GIT, Maven, Jenkins, SonarQube, Nexus, Linux, Ansible, ServiceNow, Docker, Kubernetes.

## Roles and Responsibilities:

- Administration of **GITHUB** includes creating branches, tagging.
- Enabling nightly schedule of builds and taking care of Monitoring and Operations of pipelines.
- Fixing pipelines failures and make sure all the pipelines are green at everyday
- Installing and configuring the GIT, Maven, Sonar, Nexus, **Docker** and Kubernetes with Jenkins for **CI CD**.
- Experience in writing **Ansible** playbooks for configuration management.
- Configured Jenkins CI tool for project and setup Nightly Builds Using Build Periodically.
- Automated the code deployment process in each environment (Dev, QA, Pre-Prod, Production).
- Created and managed on-premises Kubernetes cluster by using kubeadm.

- Containerized application components using Docker and orchestrated them with Kubernetes for seamless deployment and scaling.
- Configured a continuous integration process and interface with the operations team to ensure project Artefacts are deployed automatically to various environments using Jenkins.

## Project -2

<b>Project Name</b>	AML
<b>Client</b>	Infosys
<b>Role</b>	DevOps Engineer
<b>Duration</b>	Aug-2021 To Dec-2023
<b>Services &amp; tool</b>	GIT, Maven, Jenkins, SonarQube, Nexus, Tomcat, Linux, Ansible, Docker, Kubernetes, AWS, Ec2, S3,

### Roles and Responsibilities:

- Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Installation and configurationg the **GIT, Maven, Sonar, Nexus** and **Docker**
- Used AWS services like **Ec2, VPC, S3, EBS** and **ELB** for building infrastructure.
- Configured Jenkins CI tool for project and setup Nightly Builds Using Build Periodically.
- Automated the code deployment process in each environment (development, QA, Staging, Production).
- Creating and managing the **Kubernetes** cluster by using **EKS**.
- Responsible for writing the Kuberenetes Manifest files.
- Involved in the release process and Deployed applications in Kubernetes Cluster.
- Configured a continuous integration process and interface with the operations team to ensure project Artefacts are deployed automatically to various environments using Jenkins.
- Collaborated with cross-functional teams to integrate Splunk into various applications and systems, ensuring comprehensive log coverage for troubleshooting and auditing purposes.
- Monitoring the kubenetes cluster using **Prometheus, Grafana** and alert manager

## Project -3

<b>Project Name</b>	BTIS
<b>Client</b>	SmartData Enterprises Pvt Ltd
<b>Role</b>	DevOps Engineer
<b>Services &amp; tool</b>	GIT, Jenkins, SonarQube, Jfrog, Nginx, Linux, KONG, ElasticSearch Docker, Kubernetes, AzureDevOps, Vault, Consul,Node.js,Dotnet

- Designed and implemented **CI/CD pipelines** for multiple microservices, optimizing deployment processes and enhancing delivery efficiency.
- Built and managed **Docker images** for containerized applications, ensuring consistency across development, staging, and production environments.
- Configured **NGINX** and **KONG** for **HTTP/HTTPS** routing and load balancing, optimizing traffic management and application performance
- Utilized **HashiCorp Vault** and **Consul** for managing sensitive information and service discovery, enhancing security and operational efficiency
- Implemented **Elasticsearch** for centralized logging, enabling real-time analysis and monitoring to quickly identify and address system issues
- Created and maintained **Kubernetes** clusters for application deployment and scaling. Wrote and managed Kubernetes manifests to ensure seamless application updates and rollbacks
- Solely responsible for diagnosing and resolving all application issues reported by developers, using analytical skills to swiftly identify and address problems, significantly improving system reliability and developer satisfaction
- Utilized Swagger to design, document, and test APIs, ensuring accurate functionality and seamless integration throughout development and deployment processes

#### DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore

(Venkat)