Venkat

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**Objective**

I am looking a challenging position in an esteemed organization where my past experience, technical and analytical skills are utilized for continuous growth and advancement of the company. I am a person with positive attitude, have sincerity towards my work and ability to perform under pressure.

Professional Summary

* Having **5.10+** years of experience 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.
* Good experience in deploying the files in **Tomcat** Server.
* Worked on ticketing tool like **JIRA,**
* Good experience in **Groovy**
* 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 for configuration management.
* Experience in creating Ansible Roles.
* **Docker** installation and image setup.
* Creating custom image from a **Dockerfile.**
* Expertise in creating **Docker** **Images** and maintaining it in private Artifactory repository Nexus
* Hands on experience in Container Orchestration by using **Docker Swarm, Kubernetes**.
* Good experience in writing **Docker**-**Compose** **yaml** files.
* Good experience on creating the **Kubernetes** cluster and writing the **manifest** files and Service files**.**

**Technical skills**

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

**Work Profile**

**Current Designation :** DevOps Engineer

**Area of Work :** IT Service

**List of Major Technologies :** Linux, Git, GitHub, Maven, NPM, Nexus, SonarQube, Ansible, Docker,

Docker Swarm, Kubernetes, Piper, AWS.

**Academic Credential**

* Bachelor of Commerce from Sri Venkateshwara University Tirupati.

**Projects**

**Project: 1**

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| **Project Name** | BIG |
| **Client** | SAP Bangalore |
| **Role** | DevOps Engineer |
| **Duration** | Jan-2018 To July-2021 |
| **Services & tool** | GIT, Maven, Jenkins,SonarQube, Nexus, Linux, Ansible, Piper,Jira, Docker, Kubernetes.  AWS. |

**Roles and Responsibilities:**

* Administration of **GITHUB** includes creating **branches**, **tagging**.
* Maintaining source code in **GITHUB** repository
* Used **NPM** scripts to build the source code
* Automated build scripts using **NPM, Maven** and **Shell Scripts**.
* 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 CICD.
* Enabling new stages for SonarQube, **Checkmarx**, **WhiteSource**, **PPMS** based on requirement using **Piper** steps.
* Experience in writing Ansible playbooks for configuration management.
* Experience in creating Ansible Roles.
* 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).
* Create the Kubernetes cluster by using kubeadm.
* Responsible for writing the Manifest and Service set files.
* Involved in the release process and Deployed applications in Kubernetes Cluster.
* Creating the **Kubernetes** cluster and writing the **manifest** files and Service 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**.

**Project: 2**

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| **Project Name** | Essel |
| **Client** | Infosys |
| **Consultancy Name** | Vishist Bussiness Solutions Pvt Ltd |
| **Role** | DevOps Engineer |
| **Duration** | Aug-2021 To Dec-2023 |
| **Services & tool** | GIT, Maven, Jenkins,SonarQube, Nexus, Tomcat, Linux, Ansible, Docker, Kubernetes.AWS,Ec2,S3,  AWS. |

**Description:**

Essel Group has been a leading business conglomerate having diverse business presence across Media, Entertainment, Packaging, Infrastructure, Education, Precious metals, Finance and Technology sectors. The Essel Group’s media business offers a strong portfolio of numerous entertainment and news channels, reaching millions of viewers in India and internationally. ZEE is considered as one of the strongest Indian Media brands across the world while the Living Entertainment Network through its 'Living' brand is devoted to showcasing healthy lifestyle and wellness programming and related content across multiple media platforms globally.

**Roles and Responsibilities:**

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| --- |
| * Administration of **GITHUB** includes creating **branches**, **tagging**. * Maintaining source code in **GITHUB** repository * Used **Maven** scripts to build the source code * Automated build scripts using **Maven** and **Shell Scripts**. * Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build. * Installing and configuring the **GIT**, **Maven, Sonar, Nexus, Docker and Kubernetes** with Jenkins for CICD. * Used **AWS** services like **Ec2, VPC, S3, EBS and ELB** for building infrastructure. * Experience in writing Ansible playbooks for configuration management. * Experience in creating Ansible Roles. * 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). * Create the Kubernetes cluster by using kubeadm. * Responsible for writing the Manifest and Service set files. * Involved in the release process and Deployed applications in Kubernetes Cluster. * Creating the **Kubernetes** cluster and writing the **manifest** files and Service 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**. |

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| **DECLARATION** |

I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the

responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore (Venkat)