**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**

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| 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**

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| **Project Name** | AIG |
| **Company** | Accenture Bangalore |
| **Role** | DevOps Engineer |
| **Duration** | July-2018 To Aug-2021 |
| **Services & tool** | GIT, Maven, Jenkins,SonarQube, Nexus, Linux, Ansible,ServiceNow, Docker, Kubernetes.  AWS. |

**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**

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| **Project Name** | AML |
| **Company** | Infosys |
| **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. |

**Roles and Responsibilities:**

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| * 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**   |  |  | | --- | --- | | **Project Name** | BTIS | | **Company** | SmartData Enterprises Pvt Ltd | | **Role** | DevOps Engineer | | **Duration** | May-2024 to Till Date | | **Services & tool** | GIT, Jenkins, SonarQube, Jfrogg, Nginx, Linux, KONG, ElasticSearch  Docker, Kubernetes, AzureDevOps, Vault, Consul,Node.js,Dotnet  AWS. | |

* 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

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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)