**M.Vamsi**

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## **PROfile summary**

DevOps engineer with 3+ years of hands-on experience in architecting and automating and optimizing mission critical deployments over large infrastructure. Proficient with configuration management and in developing CI/CD pipelines.

Passionate about new knowledge and innovation. Ability to grasp technical concepts quickly and apply that knowledge to DevOps efforts within the team.

Perform various development activities for DevOps practices for the project, including continuous integration, continuous delivery, continuous testing, and continuous monitoring.

* Expertise in supporting multiple projects during builds and release process.
* Good knowledge of Software Development Life Cycle, SCM practices along with Software Build methodologies.
* Strong Hands-on experience on source code management on **Git.**
* Experience on creating **Git** on **Branches**, **Tags** and **merging** the source code between different branch administration like **Creating Repositories**, **access control** in **Git.**
* Performing build activities by using **Maven** created and modified build configuration files including **pom.xml, Dependencies** and automation.
* Installation, Configuration, Administration of Jenkins for continuous integration.
* Creating jobs, setting up configurations and **distributed builds** by using **master and slave**, deployment configuration based on different environment by using **Parameterized build**, **administration**, taking backup using **Jenkins.**
* Experience in creating **nodes** in **Jenkins**, which distributes the loads and run the jobs parallel. Perform deployments to multiple environments like **Dev**, **QA** and **UAT.**
* Well versed in creating Groovy script based Jenkins file for automating multi branch pipeline jobs.
* Experience on installation of **Apache** and **Tomcat servers.**
* Good knowledge on containerization tool like **Docker,** Writing **Docker files** for Creating **Docker Images, Docker compose, Docker volumes** and **Docker containers** for different environments.
* Proficient in creating Kubernetes definition files to deploy components in the Kubernetes cluster.
* Hands on experience **Amazon Web Services (AWS),** **Creating EC2 Instances** and configuring all necessary services.
* Experience in deploying the code through application servers like **Apache Tomcat**.
* Hands on Experience in Server provisioning tools like **Ansible** to automate the Configuration Management Activities.
* Experience in working with automation tools like **ANSIBLE**. And integrating **Ansible YAML Scripts**

**PROFESSIONAL EXPERIENCE:**

* Working as a DevOps Engineer in **TCS** from February 2020 to till date.
* Worked as a DevOps Engineer in **Innominds** from December 2018- January 2020.

**IT SKILL SET:**

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| --- | --- |
| **Operating Systems** | Linux and Windows |
| **Cloud** | AWS |
| **SCM Tools** | GIT , Git-hub |
| **Continuous Integration Tool** | Jenkins |
| **Application Server** | Apache Tomcat |
| **Build Tool** | Maven |
| **Configuration Management Tools** | Ansible |
| **Container Virtualization** | Docker |
| **Scripting** | Python, YAML,Groovy |
| **Container Orchestration** | Docker swarm, Kubernetes |

## **EDUCATIONAL PROFILE**

* B. Tech in EEE from DBSIT affiliated to JNTUA in 2018.

**PROJECT#2:**

**Project : Bank of America**

**Tools :** Git, Git-Hub, Jenkins, AWS, Ansible, Docker, AWS, Apache Tomcat,

Linux,Jira.

**Roles and Responsibilities:**

* Worked as a DevOps Engineer for a team that involves three different development teams.
* Attending the daily stand up meetings and to updating my user stories.
* Creating repository, creating branches, tags operations in **Git** administrations version control system.
* Created CI/CD pipelines by using continuous integration tool **Jenkins**.
* Managed Automated builds in pipelines using poll scm/webhooks.
* Deployed war’s in to different environments like **SIT, QA, UAT** and Pre-Prod.
* Setup the web application server **apache tomcat** in different environment
* Verify Deployment logs to check for successful deployments.
* Deployed java applications to application servers in continuous integration environment and also automated the whole process.
* Configuring pre and post build actions in **Jenkins** as per project requirements.
* Configuring the scheduling the build jobs in **Jenkins**.
* Configuring the freestyle jobs and pipeline jobs in **Jenkins**.
* Developed build using **MAVEN** as build tool and deploying Jar, war files.
* Responsible for installing **Jenk ins** **master** and **slave** nodes.
* Create and setup automated build environment for java projects using **Maven**.
* provisioned servers and deployed features using **Ansible**.
* Working with cross functional, geographically distributed team to provide continuous deployment support across multiple environments. Monitoring daily builds using CI tool Jenkins.

**PROJECT#1:**

**Title : GE Healthcare**

**Tools :** Jenkins, Maven, GIT, GitHub, Apache, AWS,Jira.

**Roles and Responsibilities:**

* Handling Build and Deployment process for **Java** based applications.
* Maintained **Git** workflow for the version control(Source Code Management)
* Perform Build activities using **Maven** and managing pipelines **Jenkins** tool.
* Manage continuous build, test, and deployment processes.
* Perform Deployment of War files in **Tomcat** application servers using pipeline scripts.
* Handle multiple builds from Development team, create build and perform deployment activities.
* Administration of **Git** tool includes creating branches, tagging and access permissions.
* Troubleshooting application related issues and providing logs to developers for further investigation.
* Communicating with development team for Build plan and Build failures.
* Documenting all the Build and deployment related issues.
* Installing Plug-ins in Jenkins as per project requirements.
* Learn the architecture of all the applications to help troubleshoot any issues for each application.
* Responsible for 24\*7 supporting severity incident with the flexibility of being available on call.
* Handle day to day operational issues faced by the application users and providing to them resolution.
* Participate in a various meetings and status calls including project meetings, Troubleshooting Issues.