**Narasimhulu**

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**PROFESSIONAL SUMMARY**

* Having total **8.8** years of experience as a **DevOps** Engineer which includes Software Configuration Management (SCM), Build and Release Engineering, Continuous Integration and Continuous Delivery using different tools.­­­­
* In-depth understanding of **Software Configuration Management (SCM)** processes which include compiling, packaging and deploying of various applications.
* Experience in version control tool **GIT** and performed the administration activities such as branching, merging, merge conflicts, tagging, repositories creation.
* Experience in using **MAVEN** as a build tool for the building of deployable artifacts from source code.
* Launching Jenkins Instances using **helm charts** in **Kubernetes** and configuring launched instances with respect to specific applications, providing the access, Troubleshooting the instances like unlocking the Jenkins, checking the logs for RCA, restarting etc.
* **Migrated** the old Jenkins related job to the new Jenkins instance and wrote the **ds**l for Jenkins jobs, maintaining dsl code in GitHub.
* Having experience on Kubernetes objects like pods, deployments, replica sets, configmaps, Secrets, Node Port Service.
* **Automated** the updating of the **Sauce lab credential** in Kubernetes.
* Experience on integrating the **Sonar** as **SAST** Tool as well as Analysis Tool for Jenkins pipeline.
* Having experience on **Nexus** for creating the repositories and blob stores for storing the build artifacts.
* Extensive knowledge on **CI (Continuous Integration) and CD (Continuous Delivery)** methodologies with Jenkins.
* Extensive Experience in Jenkins master-slave for multi machine builds.
* Experience working on several **Docker** components like Docker Engine, Hub, **Container** and Docker file.
* Hand on experience in delivering container based deployments using Docker.
* Experience on setting up and managing Docker private repository.
* Having experience in creating custom **Docker Images** using **Docker file**.
* Hands-on experience in working with configuration management tools like **Ansible.**
* Development of **Ansible playbook** to manage systems configuration.
* Installing, customizing web servers as per existing infrastructure.& requirements
* Knowledge on Amazon Web Services **(AWS)**, Creating EC2 Instances and configuring all web Services like **EC2, EBS, ELB, Auto-Scaling** through AWS Console.
* Knowledge on **AWS** Cloud Services.
* Knowledge on launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu/RHEL) and configuring launched instances with respect to specific applications.
* Knowledge on Managing AWS EC2 instances for Git, Maven, Jenkins, Docker and Ansible.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like JUnit, SonarQube and Findbugs.
* Efficient in working closely with teams to ensure high quality and **timely** **delivery** of builds and releases.

**EXPERIENCE**

* Worked as a **DevOps Engineer** for **Capgemini**, IBM **company, Mind Tree, Fedility.** since MAR 2014 to till date.

**Technical Knowledge**

**Version Control** : Git, Git Hub

**Build Tool** : Maven

**Continuous Integration** : Jenkins

**Operating System :** Windows , Linux

**Application Server :** Tomcat.

**Web Server :** Apache

**Virtualization :** Docker, AWS.

**Configuration Mgmt. :** Ansible

**Orchestration tool :** Kubernetes

**Repository Manager :** Nexus

**EDUCATION**

* B Tech from **JNTUA** – Anantapur in **AP.**

**PROJECTS**

**Organi**zat**ion : Capgemini, Bangalore**

**Job Role : DevOps Engineer**

**Environment:** Git, **Github**, Maven, **Jenkins**, **Docker**, **Ansible**, **Kubernetes**, Linux, Apache, Gerrit, Gitlab, Nexus, Sonar.

**Responsibilities and Contribution:**

* Launching Jenkins Instances using helm charts in Kubernetes and configuring launched instances with respect to specific applications, providing the access, Troubleshooting the instances like unlocking the Jenkins, checking the logs for RCA, restarting etc.
* Migrated the old Jenkins related job to the new Jenkins instance and wrote the dsl for Jenkins jobs, maintaining dsl code in GitHub.
* Experience on integrating the Sonar as SAST Tool as well as Analysis Tool for Jenkins pipeline.
* Having experience on Nexus for creating the repositories and blob stores for storing the build artifacts.
* Automated the updating of the sauce lab credential in Kubernetes.
* Implemented the Release stage for the maven projects.
* Managed GIT repositories for branching, merging, and tagging.
* Used GIT HUB, GitLab, Gerrit as source code repositories.
* Setup various Jenkins jobs for build and test automation.
* Installed, configured & administered Jenkins CI tool on Linux machines; setup Master-slave architecture to improve performance and used Jenkins for CI & CD into Tomcat Application Server.
* Modified Maven scripts to build the JAR's, WAR files and Shell scripts for safe builds and deployments.
* Created Docker files and build images and push to the Nexus.
* Docker containers are used for build and deployments.
* Author Ansible playbooks to maintain configurations across nodes.
* Deployed the archives like war files into the Urban code.
* Perform Deployment of Release to Pre-prod servers in Linux environments.
* Coordinating with the Development team to fix the Build related issues.
* Participation in project meetings with other technical staff and Product owners and subject matter experts.

**Organi**zat**ion : IBM, Bangalore**

**Job Role : DevOps Engineer**

**Environment:** Git, **Github**, Maven, **Jenkins**, **Docker**, **Ansible**, **Kubernetes**, Linux, Apache, Gerrit, Gitlab, Nexus, Sonar.

**Responsibilities and Contribution:**

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**Organi**zat**ion : Mind Tree, Bangalore**

**Job Role : DevOps Engineer**

**Environment:** Git, **Github**, Maven, **Jenkins**, **Docker**, **Ansible**, **Kubernetes**, Linux, Apache, Gerrit, Gitlab, Nexus, Sonar.

**Responsibilities and Contribution:**

* Launching Jenkins Instances using helm charts in Kubernetes and configuring launched instances with respect to specific applications, providing the access, Troubleshooting the instances like unlocking the Jenkins, checking the logs for RCA, restarting etc.
* Migrated the old Jenkins related job to the new Jenkins instance and wrote the dsl for Jenkins jobs, maintaining dsl code in GitHub.
* Experience on integrating the Sonar as SAST Tool as well as Analysis Tool for Jenkins pipeline.
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* Coordinating with the Development team to fix the Build related issues.
* Participation in project meetings with other technical staff and Product owners and subject matter experts.

**Organi**zat**ion : Fedility, Bangalore**

**Job Role : DevOps Engineer**

**Environment:** Git, **Github**, Maven, **Jenkins**, **Docker**, **Ansible**, **Kubernetes**, Linux, Apache, Gerrit, Gitlab, Nexus, Sonar.

**Responsibilities and Contribution:**

* Launching Jenkins Instances using helm charts in Kubernetes and configuring launched instances with respect to specific applications, providing the access, Troubleshooting the instances like unlocking the Jenkins, checking the logs for RCA, restarting etc.
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