**SivashankarReddy.T**

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➢ **Objective :**

        A DevOps Engineer having 4+ years of experience, looking for a platform where I can implement my skills which I have learned with my past experience and can get a chance to gain new skills which will help me to grow in future professionally and personally.

➢ **Professional Summary:**

Over 4+ years of experience in IT industry and 3+ years of experience in **Devops , software configuration**&**Build/ Release Management**.

➢ Experienced in working on **DevOps/Agile** operations process and tools area (**Code review,unit test automation, Build & Release automation, Environment**, and Services etc...

➢ Experience in conceptualization and implementation of **CI/CD** pipeline using tools like **Git/Maven / Jenkins /Nexus/Ansible/Docker /Kubernetes/containers.**

➢ Experience on container orchestration tool **Kubernetes**. Install and setup and configure and deploy applications on **Kubernetes Cluster**.

➢ Manage team repository, Branches and code merges using SCM tools like **GIT** .

➢ Extensive experience using **MAVEN** as build tools for the building of **Deployable artifacts (jar, war & ear)** from source code.

➢ Experience in Building **Continuous Integration (CI) & Continuous Deployment/Delivery (CD)-pipeline and Automation.**

➢ Having experience in creating **Docker** Container by downloading **Images** and running.

➢ Experience in using **Nexus** Repository Managers for **Maven** and Ant build.

➢ Day to day job included handling **Tickets,Monitoring, Troubleshooting** and maintenance.

➢ Experience in using Bug tracking tool like **Jira.**

➢ Having good knowledge on Application security tool like**CheckMarx**

➢ Taking the backup of **S3** and attaching the **EBS** to instance.

➢ Managed Amazon Web Services like **EC2, VPC, EBS, S3, ELB and IAMRoles through AWS Console.**

➢ Experience in supporting applications on different platforms Windows and Linux environments.

- ➢ Manage application pods with **kubernetescluster**.

- ➢ Handle application infrastructure and configuration end to end.

- ➢ Handle application deployments to roll out features/bug fixes.

- ➢ Debug production issues and apply hot fixes in codebase and configurations to keep systems up at all times

- ➢ Actively monitor and ensure system health at all times.

➢ **Professional Experience:**

- ➢ Working as a DevOps Engineer at **IBM India Pvt Ltd** from August 2017 to till date.

➢ **Technical Summary:**

| Version Control Tool | Git, GitHub |
|---|---|
| Build Tool | Maven |
| CI Tool | Jenkins |
| Cloud | AWS |
| Ticketing Tool | Jira |
| Binary Storage Repository | Nexus |
| Configuration Management | Ansible |
| Containerization & Orchestration Tools | Docker & Kubernetes |
| Log  monitoring & Analysis Tool | ELK |

➢ **Education Details**

- ➢ B.tech (Electrical and Electronics Engineering) from JNTU-A University, Ananatapur.

➢ **Professional Experience**

**Project #2**

**Project Name**          **:** FAS(Financial Advisory System)
**Role**                  **:**DevOps Engineer.
**Tools**                 **:**Git, Maven, Jenkins,Sonarqube, Nexus, Docker, Kubernetes, ELK, Ansible, AWS, Jira.

**Responsibilities**:

- ➢ Support the engineering teams regarding CI/Build tools, Environments and Automation.

- ➢ Involved in Branching, Tagging and Merging of code delivery at required releases.

- ➢ Involved such as Jenkins, Maven, Nexus for build management.

- ➢ Worked on SCM tools like Git for branching, tagging and version management.

- ➢ Worked for Agile Projects.

- ➢ Created jobs for tagging and branching.

- ➢ Configuring and enabling the sonarqube through Jenkins pipeline jobs.

- ➢ Generating the sonarqube reports for the individual modules of the maven project.

- ➢ Converted and automated builds using Maven. Scheduled automated nightly builds using Jenkins.

- ➢ worked on Nexus Repository Manages for Maven build.

- ➢ Managed Continuous Integration using Jenkins and release management using Artifactory.

- ➢ Involved in administration of Jenkins using creating users and providing permissions to users, CI/CD pipeline and node management in Jenkins.

- ➢ worked on Docker for creating images using Dockerfile.

- ➢ Worked on configuration management toll such as Ansible.

- ➢ Working with supporting different Environments with help of Ansible to deploy applications in different Target Environments.

- ➢ Worked on Container Orchestration Tool Kubernetes.

- ➢ Responsible for Install and setup and configure and deploy applications on Kubernetes Cluster.

- ➢ Managed application pods with kubernetes cluster.

- ➢ Managing/Tracking the defects status using jira.

- ➢ Involved in Migrating applications to the AWS cloud.

- ➢ Worked on ELK for log monitoring .

- ➢ Attended sprint planning sessions and daily sprint stand-up meetings.

- ➢ Troubleshoot the night build failures and alert the respective development teams for quick solutions.

- ➢ Troubleshoot and resolve issues related to application deployment and operations.

## Project: #1

**Project Name**    : Working Capital Hub (WCH)

**Role**                  : Build  and Release  Engineer

**Tools**                 : GIT, Maven, SonarQube, Nexus, Jenkins.

**Responsibilities:**

➢ Installing GIT, Jenkins, Maven,SonarQube on Ubuntu/CentOS on Linux.

➢ Responsible for managing Source code management tools like Git.

➢ Configuring and enabling the sonarqube through Jenkins pipeline jobs.

➢ Generating the sonarqube reports for the individual modules of the maven project.

➢ Worked as Build Release Engineer for Application builds using Maven.

➢ Developing and maintaining all the tools required to Build/Release.

➢ Converted and automated builds using Maven. Scheduled automated nightly builds using Jenkins.

➢ worked on Nexus Repository Manages for Maven  build.

➢ configuring GIT to the CI tools like Jenkins.

➢ Responsible for the Emergency Bug Fixes to push them to different environments and monitor their status.

➢ Created jobs for tagging and branching.

➢ Configured plug-ins for the integration tool to the version control tool.

➢ Managed Continuous Integration using Jenkins and release management using Artifactory.

➢ Configuring the Day and Night Builds for the sprint teams in Jenkins.

➢ Worked on (Continuous Integration) methodologies with Jenkins.

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