P MANJUNATH
Devops Engineer

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Having around **8 years** of professional experience out of which **4 years** in build and release and software configuration management which includes Environment Setup, Build Automation, and Continuous Integration and continues Deployment **CI/CD**, cloud **AWS**, SCM process improvements and Deployments Web applications.

PROFESSIONAL SUMMARY

- ➢ Having around **4 years** of Experience as a "**DevOps/Build & Release Engineer**" for Java Based Web Applications**.**
- ➢ Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
- ➢ Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
- ➢ Building/Maintaining Docker container clusters managed by **Kubernetes**, **Linux, GIT**, **Docker** on AWS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, tests deploy.
- ➢ Having Experience in implementation of **CI/CD.**
- ➢ Working experience in writing the **Ansible playbooks** for creating AWS services like **VPC,EC2,S3, Autoscaling, ELB etc.**
- ➢ Configuring the **Docker** containers and creating **Docker files** for different **environments**.
- ➢ Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
- ➢ Working experience in **Stage**, **UAT** and **Production** environment using **ANSIBLE**.
- ➢ Worked in **JIRA**automation in **Jenkins** build and deployment process.
- ➢ Installed number ofplugins in **Jenkins** for project requirement.
- ➢ Configured **Build Machines** or **Nodes** in **Jenkins**.
- ➢ Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Jfrog**.
- ➢ Responsible for administering and supporting version control systems (**GIT**) on **Linux**.
- ➢ Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches in **GIT**.
- ➢ Expert in build automation tool **MAVEN** for **Build development** in Windows and **Linux**.
- ➢ Extensive experience using **MAVEN** as build tool for the building of **deployable** artefacts from source code.
- ➢ Experience in **Build & Release** Activities, which involves Building source code, handling and Administration of Version control tools **(Git),** maintaining **CI** environments (**Jenkins**).
- ➢ Build, Configure, Manage and Coordinate all **Build** and **Release** Management activities.
- ➢ Expertise in Installation, **Configuration**, **Administration** and Maintenance of **CI** tools Jenkins.
- ➢ Experience with Application servers configuration and management.
- ➢ Install/Configure build, package and deliver java application to Application server.
- ➢ Responsible for the **development** of tools, **scripts,** installation procedures and systems including source code control and issue tracking.
- ➢ Ability to troubleshoot build and **deployment issues**.
- ➢ Capable of working **independently** and as well as a part of a team.

- ➢ Good work experience in **end-to-end Building, deploying** and configuration process and Implementation from local **QA** environment to **UAT** and Production.
- ➢ Taking care builds and deployments in local, staging and production environments.
- ➢ Experience in supporting applications on different platforms Windows and Linux environments

PROFESSIONAL EXPERIENCE

Project	:	Data communications
Technology	:	Linux, Git, Jenkins, Maven, Shell script, Docker, Ansible, AWS, Sonarqube, Kubernetes
Application sever	:	Apache Tomcat
Duration	:	June'2018 to Till date
Client	:	TATA Projects
Company	:	Florida software solutions
Designation	:	Build and release engineer

Description:

Data Communications Company is a UK based utility company which has been developing Software which can be used by different Third-party UK Energy suppliers like British gas, EON etc. to collect the meter readings of electricity meters of houses remotely and bill the customers accordingly.

Roles and responsibilities:

- ➢ Responsible for Maintaining/Administration of **GIT** version control tool.
- ➢ Responsible for defining branching strategy, creating baselines and releasing the code.
- ➢ Creating branches in **GIT** and provide access permission to the developers on need basis.
- ➢ Creating and maintaining the development and release branches in GIT.
- ➢ Troubleshoot application issues by log verification.
- ➢ Installed and administered **Jenkins** CI for Maven Builds and implemented LDAP (Light weight Directory access protocol) authentication for Jenkins and User Management for Jenkins CI.
- ➢ Worked with **Docker containers** which are lightweight and fast for reducing the cycle time of development, testing and deployment.
- ➢ Downloaded/Installed **Docker images** from Docker hub using docker pull down Professional summary of Docker.
- ➢ Experience working of Docker hub, creating Docker images and handling multiple images primarily for middleware installation and domain configuration.
- ➢ Worked on configuring, managing and deployment of applications on web servers such as Apache Tomcat.
- ➢ Supports daily builds and product releases on **Linux platform**.
- ➢ Used **Maven** for building the artifacts and administered the Maven Build scripts.
- ➢ Written **Ansible playbooks** to automate our build/deployment process and do an overall process improvement to any manual processes.
- ➢ Created **Maven** POMs to automate the build process for the new projects and integrated them with third party tools.

- ➢ Monitor builds and provide proactive support to resolve any build issues.
- ➢ Compilation and run time issues in Build failures, identifying the build breaks and reporting to development team and interacting with developers to sort out issues related to Build Automation.
- ➢ Involved in scheduling the automated build called Nightly Builds and Managing Daily Builds, Weekly builds, Nightly Builds.
- ➢ Experience building AWS EC2 instances for development, test and production environments.
- ➢ Experience with **CloudFormation** and **JSON** to generate Elastic compute cloud (EC2) instances

EDUCATION

Sri krishnadevaraya University Anantapur,
Btech. In Civil engineering – First class

Technical Proficiency

Scripting language	Shell scripting
Development Environment	Linux
Orchestration Tool	Kubernetes
Build Tool	Maven
Continuous Integration	Jenkins
Deployment Tools	Ansible, Terraform
Containerization Tool	Docker
Cloud Environment	Amazon Web Service(EC2, S3, CloudWatch, ELB, IAM,RDS, AMI)
Version Control System Tools	GIT
Operating Systems	Linux, Ubuntu, RedHat

Declaration:

I do hereby declare that above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief.

P Manjunath