

P MANJUNATH
Devops Engineer

Email: pmreddy87@gmail.com

Ph. +91 9890104957

Having around **4 years** of professional experience 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 of plugins 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

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|---------------------------|---|
| Project: | Data communications |
| Technology: | Linux, Git, Jenkins, Maven, Shell script, Docker, Ansible, AWS, Sonarqube, Kubernetes |
| Application sever: | Apache Tomcat |
| Duration: | June'2018 to May'2022 |
| Organisation: | TATA Projects |
| 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

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| Scripting language | Shell scripting |
| Development Environment | Linux |
| Orchestration Tool | Kubernetes |
| Build Tool | Maven |
| Continuous Integration | Jenkins |
| Deployment Tools | Ansible |
| 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