PRAJWAL P BALU
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PROFESSIONAL SUMMARY

- 3+ years of Experience in IT Industry of Software Configuration Management, Build/Release Management as a **Devops Engineer.**

- Having experience in Linux Operating System. Extensively worked on Ubuntu.

- Experience in automating build and deployment workflows using **GIT,GIT HUB, MAVEN, JENKINS, ANSIBE,DOCKER and KUBERNETES**
- Experience on creating **GIT Branches**, **Tags** and **merging** the source code between different branches.
- Performing build activities by using **Maven**, created and modified build configuration files including **POM.XML**. Dependencies and automation.
- Experience in Continuous Integration (CI) setup. Installed Jenkins, **created build jobs,** set up **distributed builds** using Jenkins **master/slave** concepts, **plug-in** installation backup using **Jenkins.**
- Experience in automating, building, deploying, and releasing of code from one environment to other environment like **Dev, QA, and Prod.**
- Worked extensively with development teams, **QA,** deployment team and build and release to various environment and maintenance.
- Containerization Tool **Docker** writing **Docker files** for creating **Docker images** and containers for different environments.
- Docker writing **Docker files** for Creating **Docker images** using start **Nginx Server.**

- Application Deployment and environment configuration using **Docker ,Ansible.and Kubernetes**

- Knowledge on **Groovy scripting and SHELL scripting.**

- Experience in Installing, configuring and maintaining apache/tomcat Application Servers.

- Verifying Deployment logs to check for successful deployments in **Apache Tomcat Server**.

- Good understanding of the principles and best practices of Software Configuration Management

  (SCM) in **Scrum, Agile** methodology.

- Knowledge on **Amazon Web Services** environment Elastic Compute Cloud (EC2), Amazon Machine Image (AMI), Elastic Block Storage (EBS), IAM, Elastic Load Balancers (ELB), and Simple Storage Service (S3).

Technical Skill Set

Version Control Tool System	GIT
Build Tool	Maven
Continuous integration	Jenkins
Containerization Tool and Orchestration	Docker and kubernetes
Configuration management Tool	Ansible
Application Servers	Apache Tomcat
Scripting Languages	Shell Scripting,groovy scripting,python(basics)
Bug Tracking Tool	Jira
Operating Systems	Linux,windows

PROFESSIONAL EXPERIENCE

- Working as Senior Associate Engineer in Wipro, **Bangalore** From November 2018 to till date

EDUCATIONAL QUALIFICATION

- Bachelor of Engineering in Electronics and communication Engineering from BGS INSTITUTE OF TECHNOLOGY(VTU) mandya(Karnataka).

PROJECT 2:

- **Project** : **Network Element Management System**

- **Client** : **Vodafone, Sel Telecom**

- **Environment** : **Git, Maven , Jenkins, Docker, chef, Apache Tomcat, Jira, shell**

- **Role** : **Senior Associate Engineer**

Description:

The Central Network Element Management System. It provides OAM functionality (Operation, Administration and Maintenance). It provides a system architecture that supports high availability of the whole system i.e. the combination of platform and application. It allows easy integration of new NE types.

Roles & Responsibilities:

✓ Used AWS to setup application and web servers

✓ Used EC2 to setup servers and Installed Jenkins

✓ Used S3 buckets for storage and archival.

✓ Version control tool administration: set up git server, creating new repositories, adding new user to the

repositories, creation of new version controlled branches, trouble shooting version control tool errors.

- ✔ Created Branching, Tagging of code delivery at required releases.

- ✔ Checking Git logs & Resolving Git conflicts issues

- ✔ Maven used as build tool to build a source code.

- ✔ Creating War/Jar files using Maven, Continuous integration using Jenkins

- ✔ Supported product release management and patch set release.

- ✔ Experience in setting up Jenkins from scratch and maintaining it.

- ✔ Creating jobs using Jenkins. Manage installations of node, deployment configuration.

- ✔ Released builds to complete testing and review, Continuous integration using Jenkins.

- ✔ Performed Continuous Build and deployments to multiple environments like Dev, QA, and Staging.

- ✔ Providing solutions to developers for check-ins, checkouts, build failure related issues.

- ✔ Deploy the War files in Apache Tomcat server.

- ✔ Interacting with developers to sort out issues related to Build Automation.

- ✔ Configuring Docker Containers and Creating Docker files for different environments.

- ✔ Created Docker images using Docker files to support Containerization of applications.

- ✔ Deployed various applications through Docker containers.

- ✔ Taking care of deployments using Docker,Ansible and Kubernetes

PROJECT 1:

- ● **Project**   :   **Internet Digital Marketing**
- ● **Client**   : **FlipKart**
- ● **Environment**   : **Git, Maven, Jenkins, Apache Tomcat, Jira, Shell**
- ● **Role**   : **Senior Associate Engineer**

Description:

　　Make sure that your site stands in the top 10 rankings in the top search engines like that of Google, MSN Bing, Yahoo etc. It will help you get the best place in search engine rankings and optimizing your website to get noticed.

Roles & Responsibilities:

- ✔ Created branches and tags using GIT.
- ✔ Responsible for tagging and maintain code on version control GIT.
- ✔ Monitored builds, GIT check-ins and administrated access management.
- ✔ Supported product release management and patch set release.
- ✔ Responsible for creating Builds and Deployments Plans.
- ✔ Creating War files using Maven.
- ✔ Automate the build and deployment Process Using Jenkins jobs.
- ✔ Creating jobs using Jenkins. Manage installations of node, deployment configuration, and administration, backup. etc.,
- ✔ Making Application, Reports and Script ready for the Release on time.
- ✔ Verify Deployments logs to check for successful deployments.
- ✔ Debugging Build & Release related issues.
- ✔ Making build and deployment automation enhancements, fixing bugs.
- ✔ Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.

(PRAJWAL P BALU)