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| **Name: ND Prasanna Gmail: ndprasanna.devops@gmail.com** |
| **DevOps & Cloud Engineer Mobile : +91 7680844647** |

**Objective**

To work in a creative and challenging environment where I could constantly learn and successfully deliver solutions to problems and contribute effectively for the growth of the Organization.

**Professional Summary**

* **4 Years of Experience in Build and Release, Devops and Cloud (AWS) Environment.**
* Hands on experience on Version Control Systems like **GIT** and **GITHUB**.
* Hands on experience in implementing continuous integration using tools like **Jenkins**.
* Work on build tools such as **Maven**.
* Expertise in trouble shooting the problems generated while building, and deploying.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.
* Efficient in working closely with teams to ensure high quality and timely delivery **of builds and releases.**
* Strong knowledge on source controller concepts like **Branches, Merges and Tags.**
* Excellent experience in documenting and automating the build and release process.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging /**deployment /release** methodology and application configurations.
* Extensively worked on **Jenkins**/Hudson for continuous integration and for End to End automation for all build and deployments.
* Installation, Configuration, Administration of **Jenkins** for continuous integration.
* Took ownership of the task to be delivered and working extra hours if required to ensure that delivery is not impacted.
* Excellent Customer interaction skill, commendable aptitude to learn new technologies and an excellent team player.
* Actively involved in various project requirement analysis in addition to project development.
* Involved in technical discussions with the Client negotiated, planned and managed all project related activities.
* Attending the calls, meetings with the clients to ensure smooth project / task delivery.
* Monitor builds and provide proactive support to resolve any build issues.
* Well exposed in build and release systems for web-based software systems.
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Experience with configuration management tool like **Ansible**.
* Work on servers on the cloud environment **Amazon Web Services (AWS).**
* Work on **EC2, VPC, S3** services in AWS.
* Have experience in **Linux** environment and infrastructure.
* Touch based knowledge on scripting languages **Shell scripting**.
* Good knowledge on virtualization tool **Docker**.
* Coordinating with development team to fix build and configuration issues.
* Good Team player with good communication and interpersonal skills.
* Self-motivated, inventive, ready to take initiatives for new upcoming tasks.
* Able to pick up new technologies within a short stint and adapt to rapid change of environment.

**Educational Qualification**

* Completed **MCA** from **Sri Venkatesa Perumal College of Engineering and Technology** in the year 2015.

**Career History**

* Had been working as a **Devops Engineer** for **IBM** Bangalore from June-2017 to till date.

**Technical Specifications**

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| Operating Systems | : LINUX Windows |
| Version Control Tools | : GIT and GITHUB |
| Contiguous Integration tool | : Jenkins |
| Build Tools | : Maven |
| Configuration Management tools | : Ansible |
| Virtualization | : Docker, DockerHub. |
| Cloud Services | : AWS |
| Databases | : MySQL |
| Application Servers | : Apache Tomcat. |
| Scripting Languages | : Shell scripting. |
| Ticketing Tool | : JIRA |
| Monitoring Tools | : Nagios, Cloud watch |
| Code Quality | : Sonarqube |

**Professional Experience**

**Project 3: AT&T**

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| Client  Role  Platform | : AT&T  : DevOps Engineer  : Linux, Maven, GIT, GITHUB, AWS, shell scripting, Jenkins. |

**Roles and Responsibilities:**

* Setting up the new build environment for various applications in Windows/Linux environment.
* Managed to organizational standards by maintaining the source code in **GIT** for various applications. Setting up the new Build Environment for various products in Linux Environment.
* Maintains and extends configuration and build sub-systems on **GIT**.
* Creating and maintaining the development and release branches on **GIT**.
* Using **Maven** as a build tool, I could automate the process of building artifacts.
* Supported and helped to create dynamic views and **snapshot** views for end users.
* Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
* Used **AWS** services like **EC2, S3, EBS, Cloud Watch, ELB** for building infrastructure.
* Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
* Help engineering teams implement **new technologies** in development for future production deployment.
* Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.
* **Measurement**, **optimization** and **tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
* Experience in scripting for monitoring /deployment using Ansible to automate the task/deployment /install is strongly preferred.
* Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
* Managing/Tracking the defects status using **JIRA.**
* Automating the manual process if any, by writing the **Shell scripts.**
* Involved in deployment of the application using **Tomcat.**
* Primary responsibilities include Build and Deployment of the java applications onto different

Environments like **QA, UAT, Pre-Prod** and **Prod.**

* Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.

**Project 2: UST Global**

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| Client  Role  Platform | : UST Global  : Build &Release Engineer.  : Ansible, Docker, Jenkins, Maven, GIT, GITHUB, AWS. |

**Roles and Responsibilities:**

* Creating Tags and support branches and Manage code repositories (branching, labeling etc.).
* Adding /Deleting, Permissions and Customizing Views and Branches.
* Coordinate build and deploy activities
* Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Performing installation testing on builds before handing over to QA team.
* Worked with developers, QA and Product support teams to identify and resolve build problems.
* Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
* Develop and maintain build and release process documentation.
* Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Assisting development team in resolving issues with build, environment, SCM and tools.
* Perform code build and deploy.
* Automated the build and deploy tasks using Maven & Jenkins
* Performing the GIT Merging activities.
* Configuring the DOCKER containers and creating Dockerfile for different environments.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS).

**Project 1 : TAV**

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| Client  Role  Environment | : TAV  : DevOps Engineer  : AWS, Linux, GIT, Maven, Tomcat, Jenkins, Docker, Nagios. |

**Roles and Responsibilities:**

* Providing infrastructure solutions based on amazon web services (AWS) in a fast-paced, challenging, innovative company focused on reliability and student service.
* Used AWS IAM to create new accounts, roles, users, groups and policies,
* Worked on Amazon Web Services like EC2, ELB, VPC, S3, IAM, RDS, Route 53.
* Created Private networks and sub-networks and brought instances under them based on the requirement,
* Assisted in migrating the existing data centre into the AWS environment.
* Installed and configured AWS CLI for managing AWS Cloud services.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) and configuration management using Ansible.
* Worked on integrating GitHub into the continuous Integration (CI/CD) environment in Jenkins.
* Written play books for installing packages.
* Worked on developing and maintaining build, deployment scripts for test, Staging and Production environments using shell script.
* Created docker compose files.
* Setup docker swarm clusters for high availability.
* Used to monitor servers with the help of Nagios.

**Declaration**

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place: Bangalore

Date:

ND Prasanna.