**Ravichandrakumar M Email:mravichandra52@gmail.com**

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**PROFESSIONAL SUMMARY:**

Having 4 years of experience in Software Configuration Management as DevOps Engineer with expertise in SVN, GIT, Jenkins, Maven, Nexus, Sonar, Jira, Shell scripting, Linux, AWS and Agile methodology.

**Roles &Responsibilities:**

**DevOps:**

* Experience in software **build**, **deployment, automation**, and **configuration management**.
* Experience in **Software Configuration Management** tools on **Windows** environment and **Linux** using **Git.**
* Strong experience on source controller concepts like **Branches, Merges.**
* Integrated Build Process through Jenkins to **SCM** tools like **Git**
* Having good experience on Build toolslike **Maven.**
* Installation, Configuration, Administration of **Jenkins** for continuous integration.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Good experience in creating and configuring new Build jobs, **Plug-ins Management**, distributed builds using **Master/Slaves** and other administration tasks in **Jenkins**
* Created continuous integration system using **Jenkins** full automation.
* Integrated Build Process through **Jenkins** to various **SCM tools like Git Hub.**
* Efficient in working closely with teams to ensure high quality and timely delivery of **builds and releases.**
* Experience in using Bug tracking tool like **Jira.**
* Experience in trouble shooting the problems generated while building, and deploying.
* Including code compilation, packaging /**deployment /release** methodology and application configurations.
* (Linux/Redhat) and configuring the servers for specified applications.
* Good experience in taking the backup using **Nexus.**
* Having good experience to check the code quality plug-in **SonarQube.**
* Launching and configuring of **Amazon EC2 (AWS)** Cloud Servers using **AMI's**
* Experience for writing the Ansible playbooks
* Knowledge on **Docker**.

**eXPERIENCE sUMMARY:**

* Currently working as a Devops Engineer for **TCS** , Pune from July 2017 to till date.
* Previously worked as a Build and Release Engineer in **HSBC**, Pune from Aug 2015 to July 2017.

**Educational Qualification:**

* **M.Tech** from JNTU, **Kakinada**.

**TECHNICAL SKILLS:**

**Operating Systems : Linux and Windows**

**Version control Systems : Git**

**Code Review : Gerrit**

**Scripting languages : Shell Scripting, Yaml**

**Build Tools : Maven,Ant**

**Configuration Management Tool : Ansible**

**CI/CD Tools : Jenkins**

**Containerization Tool : Docker**

**Static code analysis tool : SonarQube**

**Artifactory storage : Nexus**

**Application Servers : Apache Tomcat**

**Ticketing tools : Jira**

**Project #2:**

**Name : Cummins Management System**

**Client : CUMMINS**

**Role : DevOps Engineer**

**Duration : July 2017 to till date**

**Roles and Responsibilities:**

* Implemented rapid-provisioning and life-cycle management for Linux using Amazon EC2, **Ansible**, and **Git.**
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Install, Configure, And Administer Jenkins Continuous Integration Tool.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Implemented **AWS** solutions using EC2, S3, EBS, IAM, Elastic, Auto scaling groups.
* Optimized volumes and EC2 instances
* Branching, Tagging, Release Activities on Version Control Tools: GIT.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code
* Automated deployment of builds to different environments using Jenkins.
* Worked on infrastructure with **Docker** containerization.
* Developed Ansible playbooks for automation of the build and release process.
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments
* Developed **Jenkins pipeline** for automate on CD

**PROJECTS DETAILS:**

**Project # 2**

**PROJECT : GBM**

**Client :**

**Duration : July 2016 to June 2018**

**Role : Build & Release Engineer**

**Responsibilities:**

* Proactively seeks opportunities to implement improvements to internal development processes.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Setting up the automation environment for Application team if necessary, and help them through the process of build and release automation.
* Create and Maintain Subversion Branching and Merging across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.
* Manage the Source code to have Latest version of code available from production releases.
* Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team.
* Focused on automation and integration.
* Monitored developed applications and fixed bugs.
* Created a continuous delivery pipeline from the ground up built with git and Jenkins for Target's Finance Integration Team.
* Each Java application is automatically built, packaged and tested with git hooks and then deployed to the various environments.

**Project # 1:**

**Project Name : Product Sales Management**

**Client : Sparsa Pharma , INDIA (**[**http://sparsha.com/**](http://sparsha.com/)**)**

**Duration : Aug 2015 to July 2016**

**Role : DevOps Engineer**

**Responsibilities:**

* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented continuous integration using Jenkins.
* Created repositories as per the structure required by business needs.
* Analysed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and daily sprint stand-up meetings. Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the organization’s build systems and processes.
* When required applied patches as per the release process.
* Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues

**Declaration**:

I hereby, declare that the above information is true to the best of my knowledge and belief.

**(Ravichandrakumar M)**