**Madhu Kiran. P**

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**Summary:**

Expertise and hands on SCM strategy and IT Infrastructure Administration by delivering high standards of IT solutions and services. Experience including Change & Release Management, Maintenance, Enhancement and Conversion of Software Applications design, Product Development, Banking and Insurance application domains.

**Specialties:**

* Having 5+ years of experience in designing Build process, Software Product Development, Process Automation, Build and Deployment Automation, Packaging, Source Code repository& Environment management.
* **Automate the build and deploy** of all internal .Net and Java applications in lower environments using various continuous integration tools and scripting languages.
* Develop, enhance and maintain the build, deployment and configurations for continuous integration and automate regression and acceptance testing.
* Expertise in Software Configuration Management (SCM) including, **Build and Release, TFS, SVN, GIT** Implementation, Process implementation, Software Integration and Administration.
* Expertise in various **branching methodologies, merging and tagging** to facilitate defect/change management in conjunction within projects across the organization.
* Experience in software methodologies like Waterfall model**, Agile Methodology**. Successful in working with teams for high quality deliverables
* Good Knowledge on Configuration, Administration and Maintenance of CI tools **Jenkins/Hudson** and **Bamboo.**
* Installed and configured **Sonar** server and client configured Jenkins jobs to run **Sonar Analysis** jobs.
* Experience in using **Apache Tomcat**, **IIS servers** and **WebSphere** for deployments.
* Integrated test automation tools like other static code analysis tools (**sonar**) with Jenkins.
* Helped teams move **cronjobs/scheduler** to Jenkins & configure jobs
* Expertise in Enterprise repository management tools like **Nexus, Artifactory** etc.
* Hands on experience in **preparing release notes** and distribute the same to the Development and QA TEAM.
* Learning and Implementing Evolving new technologies to stream line and optimize release process in the organizations process automation and strategy implementation.
* Infrastructure Management and Deployment automation.
* Work with project manager, developer, and tester to ensure a successful release of application. Manage and empowered our build system and integrated test automation framework.
* **Handling the cutover activities, Dependencies, resource allocation, overseeing the approvals, downtime schedules for PROD releases etc.**
* Release Process Implementation like DevOps and Continuous Delivery methodologies to existing Build & Deployment Strategies.
* Knowledge on configuration management using **Puppet**
* **Amazon Web Services (AWS)** provisioning and good knowledge of AWS services like EC2, S3, ELB (Load Balancers), RDS, VPC, Cloud Watch, SNS etc.

### **Technical Summary**

* SCM Tools : SVN, GIT, TFS
* Build Tools : ANT, Maven and MS Build
* Scripting Language : Power Shell
* Databases : MySQL, SQL Server
* CI / CD Tolls : Jenkins, **VSTS 2008**
* Operating System : Linux & Windows
* Management tools : JIRA, Sonar and Nexus
* Configuration Tools : Puppet
* Web/Application Servers : Apache Tomcat, IIS, Websphere
* Containers : Docker

# Professional Experience

**Mphasis Limited Jul’16 – Nov’17**

DevOps Engineer

**Role & Responsibilities:**

* Installing and configuring **Subversion**, **Jenkins** and **Deployment** automation.
* Created the Branching Strategy for the **parallel development** and restricting developers to check in junk code in the trunk.
* Manage source control repository in **Subversion – controlling and monitoring check-in’s & create tags for builds.**
* Provide pre-commit and post-commit hooks for Subversion.
* **Create Jenkins jobs** by consuming SVN repository.
* **Involved Power Shell scripts for end-to-end Build & Deploy automation process**
* Build & deploy application code on different environments.
* Build and deployment scripts according to SCM team standards and processes to **QA**, **Performance** and **Production Environments.**
* Perform **smoke/sanity tests** for the applications deployed and troubleshoot the application for the issues that arise as part of the smoke test process.
* Installing and Integrating the Sonar with Jenkins to check the Code Quality
* Performed troubleshooting during the build failures. **Handling Hot Fix releases**.
* Configurations, setup and building of interfaces and modifying the flow to give the opportunity for **re-use scalability and functionality.**
* Attended daily Scrum calls with the Remote Team to discuss daily status.

**Bank of America Jul’14 – Jul’16**

Sr Software Engineer

**Role & Responsibilities:**

* Installed and maintained the **GIT repositories.**
* Performed the **migration** from **Subversion** to **GIT** environments using **Subgit tool**.
* Set up merge schedules with Release branches, hotfix and team branches.
* Setting up the new build environment for various products in **Linux** environment.
* Involved in **Branching, tagging** of code delivery at required releases.
* Build & deploy application code on to various **QA**, **UAT** and **Production** Environments in the form of packages.
* Performed scheduled builds for various products and delivered them within proper time to QA team for testing.
* **Took ownership of all Code, Configuration, DB and infrastructure change migrations for PROD and lower environments for all assigned applications.**
* Used and Administered Continuous Integration tools **Jenkins, Bamboo.**
* Used **Ant, Maven** as a build tools on java project for the development of build artifacts on the source code.
* Wrote **shell scripts** to have end-to-end build process automation and introduced enhancements as requested by development teams.
* Manage daily installer builds and releases to QA**. Resolve and repair compilation and deployment errors specifically related to building of source code** and maintenance of daily builds and production release.
* **Monitor Nightly builds** every day morning and update the respective teams if there are any issues.
* Hands on experience in preparing **release notes** and distribute the same to the Development and QA TEAM.
* Created end to end automation process for patch builds and prepared release portal for each release.

**YASH Technologies June'12-Jul'14**

Software Engineer

**Role & Responsibilities:**

* Worked on Deployment automation to reduce manual resource effort to less time
* Build and Release: **Manage daily installer builds and releases to QA. Resolve and repair compilation and deployment errors specifically related to building of source code, and maintenance of daily builds and production release.**
* Involved in **Project setup and infrastructure of Project over Servers**.
* Used TFS team build definition with custom templates for building the VS2010 solutions.
* Responsible for effectively maintaining & following the process of version control by creating new build versions after code pull from TFS.
* Implemented automated build process for VB6 and .NET components. Visual Studio 2010 Team Foundation Server and Microsoft Excel.
* Responsible & hold owner ship for all Application Servers and creation, maintenance of new MS Build Scripts & Packages as part of deployments.
* Proficient with testing tools such as **Visual Studio Team System, HP Quality Center, Team Foundation Server 2008, testing** **client/server and web-based applications.**
* As per the Client requirement basis, Product delivery process had been setup.
* Evaluated the progress and necessitate initiatives to meet the Project related build deliverables.
* Prepared Release documentation for the Customer delivery.
* Attended daily Scrum calls with the Remote Team to discuss daily status.

**Education:** Master of Computer Application (MCA) from Osmania University, Hyderabad.