**Soma Shekharam**

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**Professional Summary**

* Over 7 years of experience in Configuration Management, build and release management.
* Expertise in establishing and maintaining the integrity of the project artifacts throughout the software development lifecycle using configuration management tools such as GIT, Subversion and Team Foundation Server on UNIX and Windows environment.
* Experience setting up continuous builds, continuous deployment tools like Jenkins/Bamboo and others on the Linux platform.
* Managed environments **DEV, SIT, QA, UAT and PROD** for various releases and designed instance strategies.
* Expertise in setting up issue/bug tracking tool **Atlassian JIRA, Bugzilla .**
* Source Code Control Administration, i.e. maintaining and administering the source code repositories, including implementation of automated controls and enhancements.
* Experience in implementing build automation using **shell scripting, Ant, and Maven** for **Java/J2EE** Application.
* Expertise in build/release process & maintain the Archive of software releases (internal & external).
* Expertise in all build/release engineering tasks associated with the component/production releases.
* Expertise on best practices for feature branching, merge conflicts and common library management.
* Strong knowledge in SDLC, QA Methodologies, Configuration & Change Management systems
* Strong knowledge in Software development methodologies like Agile, Scrum/Sprints, Iterative, Waterfall etc
* Identifies and implements process to strengthen, streamline the build process.
* Extensively used Jenkins and Bamboo Continues Integration tools as a SCM tool.
* Work with QA team to integrate the build system with automated test systems.
* Good knowledge in different web technologies.
* Excellent communication and analytical skills and detail oriented.
* A good team player with flexible attitude and able to work independently.

**Skills**

SCM Tools: CVS, Subversion, GIT, ANT, Maven, Stash, Gradle, Jira, Quality Center, MS Project, Visio, Visual Studio 2008/2010, MS build , Jenkins

Operating Systems: UNIX, Linux (red hat), Windows XP/ 2000/ 2003.

Database: PL/SQL, SQL Server 2005/2008R2

Languages: C#, C/C++, Java, SQL, PL/SQL, VB .NET

Other Tools: Quick Test Pro

Web Technologies: HTML, XML

Application Server: IBM Web Sphere, Web Logic Server, Apache Tomcat

**Education**

* Bachelor of Technology, Computer Science Engineering, JNTU, India

**Professional Experience**

**Ercot , Austin, TX Jan 15 – Present**

**DevOps/ Build and Release Engineer**

**Responsibilities:**

* Responsible for maintaining Multiple DevOps tools & configuring across all projects Subversion (SVN),GIT, Maven, Jenkins, ANT, Artifactory.
* Responsible for migrating from Subversion (SVN) to GIT.
* Experience with tools like CFengine ,puppet and chef
* Maintained build related scripts developed in ANT and Maven. Modified build configuration files including build.xml , Pom.xml
* As a Jenkins Admin responsible for creating & configuring Jenkins jobs regarding SNAPSHOT, Release Candidate, CI/CD Sonar for all the Projects.
* Extensive experience in administrating and configuring Jenkins server
* Following Jenkins best practices and latest plugins, developing Jenkins jobs which are integrating with SVN repos.
* Responsible for Subversion administration, merges, branch creation and user support, create and maintain Subversion hooks and scripts for notifications and automation. Standardize software development processes
* Supporting Jenkins in a preproduction and production environment
* Developing automated process for code builds and deployments; Jenkins, Ant, Maven, Sonatype Nexus, Shell Script, Java/J2EE
* Responsible for resolving Build Failure Issues Perform release activities in coordination with Project Management, QA, Release Management and Web Development teams in a timely and efficient manner, to ensure smooth repeatable releases.
* Configuration management experience (any of puppet,chef,or cfengine)
* Used scripts to automate builds and create deployment packages for various environments.
* Communicate with Development/QA/Management teams on SCM requirement analysis, builds, maintaining libraries.
* Primary responsibilities include Build and Deployment of the java/J2EE applications onto different environments like Dev, QA, UAT and Prod.
* Deployed the archives like war and tar files into the Tomcat, Jetty Application Servers.
* A gatekeeper to the production environment, ensuring consistency in policies and operational procedures, release integration testing and production validation.
* Operated at an advisory level, consistently interacting with IT and line-of-business senior management
* Created and tracked the release improvement process to be applied across all IT domains and initiates new projects related to release management.
* Created detailed production implementation plans and performing mock dress rehearsals in a production release environment.
* Collaborate with multiple delivery teams to define and improve the release process of software releases through the environment chain ensuring no technical cross dependency issues exist for the environment .

**Fifth Third Bank, Cincinnati , OH Dec 13 – Dec 14**

**DevOps/Build and Release Engineer**

**Responsibilities:**

* Maintained the Subversion source code repository for a large development team
* Established various tagging/branching/merging methodologies for parallel development, bug fixes and PROD release.
* Implemented the scrum, agile methods for software development and deployment
* Provided daily status for software builds and deployments in Agile standup meetings.
* Tested applications in dev, staging, UAT, QA and production environments
* Supervised and guided team to establish quality and CM standards as per agile methodology and implemented the agile templates.
* **Wrote Configuration Management and CCB plans.**
* Generated and reconciled build issue lists and documented other release information
* Implement , define, and enforce process throughout each project’s lifecycle
* Led-Cross-functional team that analyzed, identified, documented requirements for, and implemented an enterprise wide source code control and bug/issue tracking system
* **Manage and Maintain Bamboo Continues Integration server.**
* Liaised with Projects and Operations team and successfully migrated Projects into Production Environment.
* Kept abreast of all internal and external factors affecting customers, developed full understanding of the customer and service issues and played a key link in customer and the service provider relationship.
* Integrated build system with baseline server configuration before service is released into production.
* Identified new tools, technologies, and processes to improve the reliability, repeatability, and efficiency of builds, releases and QA
* Had experience with Well versed in \*nix operating systems (user and administrator), configuration management and automation (Puppet, Chef, cfengine) and virtualization (VMWare vCenter / ESXi)
* Responsible and accountable for the coordinated management of multiple related projects directed toward strategic business and other organizational objectives.
* Build credibility, establish report, and maintain communication with stakeholders at multiple levels, including those external to the organization
* Coach, mentor and lead personnel within a technical team environment
* Present periodic Dashboard reports on the current program, future opportunities and client issues.
* **Monitored, maintained, and controlled hardware and software configurations in classified network environment**.
* Identified and maintained inventory of items under configuration control.

**Molina Health Care, Long Beach , CA Jul 11 – Nov 13**

**Build and Release Engineer**

**Responsibilities:**

* Active role in preparing documents like SCM New User guides and SCM verification.
* Coordinated the Development Team, QC and Application Support in Deploying the Code to the right System Test Environment.
* Prepared Migration logs for every release and maintained the data accuracy.
* Planned the Release schedules by identifying the Testing Environment and confirming the Current Code Level.
* Used **Putty** to connect to Linux from windows.
* Maintained Defect Fix Deployments and documented the deployed files in the appropriate Environment Migration log.
* Created Branches, Labels for each release and merged the branches after the Code Freeze.
* Created the Deployment notes along with the Local SCM team and released the Deployment instructions to Application Support.
* Create/Edit the server specific / config files for all deployments to different Environments
* Created and maintained **Ant, Maven** build scripts and performed build automation.
* Conducted Sanity Tests to verify the right Builds are deployed using **Shell, perl** scripts.
* Highly experienced in administering Unix/Linux Shell scripts to monitor installed J2EE applications and to get information from the logs and database in the required format and other daily activities.
* Maintained Off shore dev team and trained the dev team on Subversion.
* Provided delivery management to ensure customer satisfaction and reference-ability
* Promotion of Code – includes both manually compiling and automated builds.
* Creation and definition of a Code Migration Plan and coordinating Plan with different Teams.
* Management of Code base and understanding of the code associated with module/effort.
* Coordination with the Testing Team on the timing and movement of code into the Testing Environment
* Necessary support of the table set ups as needed. This will include moves to the Integration Testing Environment.
* Coordination and responsibility of the management and movement of code developed into the Test Environment

**Invensys, India Jan 2009 – May 2011**

**QA/SCM Analyst**

**Responsibilities:**

* Developed and maintained UNIX /Ant scripts for build and release tasks.
* Modified ANT scripts to build the JAR’s, Class files, WAR files and EAR files.
* Developed utilities for developers to check the checkouts, elements modified based on project and branch using CVS.
* Created CVS configuration record for builds using derived objects generated during build audit process.
* Responsible for building and releasing packages for testing.
* Installed Hudson and performed troubleshooting during installation.
* Worked with Hudson for automated build and release.
* Developed Ant and shell scripts for automation of the build and release process.
* Used Web Sphere as application server for deploying different kind of artifacts
* Worked closely with development team and SQA team for product releases.
* Coordinated application release with developer, DBA, QA and project management teams.
* Used Bugzila as Issue Tracking Tool.
* Participated in the release cycle of the product which involved environments like Development, INT, QA and Production.
* Coordinated the Development Team, QC and Application Support in Deploying the Code to the right System Test Environment using Hudson Tool
* Prepared Migration logs for every release and maintained the data accuracy.
* Planned the Release schedules by identifying the Testing Environment and confirming the Current Code Level
* Used Putty to connect to Linux from windows
* Maintained Defect Fix Deployments and documented the deployed files in the appropriate Environment Migration log
* Make robust applications by Quick test pro.
* Created TSL scripts as per the test plan requirements.
* Involved in creating test procedures, test cases, test plan development and execution.
* Verify the functionality of integrated, multi-environment enterprise solutions using Quick test pro.
* Experience in Regression testing using Quick Test Pro.
* Designed, developed and executed automation scripts (load/regression) using Quick Test Pro.