***Naresh Kumar Reddy B***

*Phone: 779-933-0720*

*Naresh.scm04@gmail.com*

#### BUILD & RELEASE ENGINEER

#### Application Building / Configuration and Automation

# Experience Summary

A Build and Release engineer with over 2 years of experience in a diverse range of technologies across multiple projects including finance, and retail.

**PROFESSIONAL SUMMARY**

* *2+ years of professional experience in* ***Software Configuration Management*** *(Release and Build Engineering / Configuration) on Linux/Unix environments.*
* *Experienced in setting up project* ***baselines****,* ***branching, merging*** *and taking regular backups of the source in* ***SVN****.*
* *Proficient in SCM practices using* ***ANT*** *and automation in* ***Shell*** *scripts.*
* *Extensive exposure to Configuration Management policies and practices with regards to* ***SDLC****; along with automation of scripting using* ***Shell scripting****.*
* *Extensive Experience in installation/deployment of Enterprise Applications using* ***Apache Tomcat*** *and* ***IBM WebSphere.***
* *Actively participated in* ***Release Board*** *Meetings, QA Compliance Reviews, Peer Reviews and other routine QA coordination activities (at all stages of the Software Development Life Cycle).*
* *Experienced in trouble shooting, configuring and deploying enterprise applications in* ***Tomcat*** *as well. Extensive experience in using Continuous Integration tools like* ***Jenkins/ Hudson.***
* Very **quick in learning** new technologies and **a good team player** working with Project Managers, Architects, Team Leads, Developers, Business Analysts, Testers.

***Software Configuration Technical Skills:***

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| **SCM Tools** | *Subversion 1.7, Tortoise SVN Client 1.7.x* |
| **Build Tools** | *Ant* |
| **Languages** | *Java* |
| **CI Tool** | *Jenkins/Hudson* |
| **Scripting Skills** | *Unix Shell Scripting* |
| **Operating System** | *Windows ’XP/7’, RHEL 5* |

# Employment History

***Expedia, Noida Build & Release Engineer***

***April-2012- Till Date***

***Project#1:***

***Title: E-Banking Solutions***

***Client: Wells Fargo (USA)***

***Description:***

*Banking Solutions are Web Based designed for corporate banks, and has Exclusive and futuristic features to meet the complete requirement of corporate banking sector .it manages all types of financial transactions and on financial banking transactions like cash transactions ,receipts, payment ,Transfer, Clearing Transactions ,pay Order/DD issuing, closing accounts, Members and Shares, Savings Bank Accounts, Current Accounts, Loans and Fixed Deposits ,New Accounts Creation, Cheque Book issuer, Standing Instruction issue/Terminate, Stop Payment issue/Terminate, Stop payment Issue/Terminate, locker etc. Easy banking has a Wealth of reports for all levels of operation like cashier reports, Balance sheet, Ledger Day books,etc.*

* *Manage source control repository in Subversion – controlling and monitoring check-in’s & create tags for builds.*
* *Automation: Developed new processes and applications to migrating towards continuous integration and agile development*
* *Providing on-going support and administration for* ***SVN*** *and ANT build automation.*
* *Wrote* ***Shell script*** *to automate configuration file deployment instances to UAT environment.*
* *Worked with Development Team Leads and testing team to establish a* ***build schedule, execute*** *software builds in* ***SVN and troubleshoot build failures****, if any.*
* *Research the project application architecture to support/resolve build, compile, and test issues/problems.*
* *Configurations, setup and building of interfaces and modifying the flow to give the opportunity for re-use scalability and functionality.*
* *Experience in building, deploying and integrating Java-based web applications in a* ***UNIX****, including exposure to* ***J2EE*** *architecture using* ***ANT.***
* *Designed the scripting of* ***xml build files*** *(for J2EE build with ant compiler) and providing technical support to development team for compilation problems.*
* *Automate deployment and release distribution process with Shell and Jenkins/Hudson.*
* *Developing the utility scripts to effectively reduce the time and manual effort.*

***Technologies:***  *SVN 1.7, Apache ANT, XML, Shell scripting, WebSphere 6.1, Jenkins/Hudson.*

***Project#2:***

***Title: E-Underwriting system Client: RSC, USA.***

***Description:***

*RSC (Risk sharing company)is an Insurance company which sells insurance to their clients where they can insure their properties like buildings and any items for Natural perils like(Earth-quake, Tsunami, Fire-Accidents) etc. and Manual perils like (Terrorism, Theft) etc. This project enables the RSC team to decide the amount should be collected from the client based on some parameters which are being processed through e-Underwriting gives the approximate results of 99.87% accuracy. Based on these results and to make the deal profitable with the client and with the Co-insurance companies.*

***Responsibilities:***

* *Installing and configuring* ***SUBVERSION****,* ***Jenkins****, and* ***Deployment*** *automation.*
* *Created the Branching Strategy for the* ***parallel development****.*
* *Automating the Build process by writing different scripts*
* *Administered* ***merge****,* ***build*** *and* ***deployment*** *of the codes to all the environments.*
* *Develop and enhance current tool to suite ongoing need to support the build and configuration of releases of all product team.*
* *Developing the utility scripts to effectively reduce the time and manual effort.*
* *Provide* ***pre commit*** *and* ***post commit*** *hooks for Subversion.*
* *Responsible for setting up the environment for new developers on their machines.*
* *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 also troubleshoot the application for the issues that arise as part of the smoke test process.*
* *Created a subversion workflow for* ***branching strategies*** *and restricting developers to check in junk code in the trunk.*
* *Trained developers on Subversion checkout, commits, update and merge, creating branch and tags and* ***resolving conflicts****.*
* *Created a* ***Shell******script*** *to back up all subversion repositories in a directory and scheduled daily cleanup.*
* *Installed* ***Jenkins*** *and performed troubleshooting during the build failures.*
* *Working closely with development and test groups to resolve configuration management issues.*

***Technologies:***  *SVN 1.7, Apache ANT, Shell scripting, Jenkins/Hudson, Unix/Linux.*