**SUBBARAO NARRA**

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Experience Summary

* 1.3 years of Experience in SCM practices including source code management systems, build infrastructure setup, continuous integration and continuous deployment.

**Software Configuration Management:**

* Administration of Version Control management systems Subversion (SVN) and GIT.
* Branching and merging strategies for agile scrum projects.
* Manging the repository access management, resolving the access issues, mentoring the development teams, repository migrations and repository backup management.
* Worked on Conflict resolutions (Tree conflicts and Text conflicts) in subversion code merging process.

**Build Automation and Continuous Integration and Continuous Deployment:**

* Worked with multiple project teams to setup build automation scripts using ANT and MAVEN.
* Experience in writing the build automation scripts for web application and enterprise java applications using build.xml and POM.XML.
* Managing the binaries using artifactory tool sonatype nexus and Integrated with Maven and Jenkins as part of Continuous integration process.
* Worked on Continuous Integration orchestration engine Jenkins setup and configuration.
* Involved in creating Jenkins jobs for multiple applications and integrated with different tools as part of continuous integration process.
* Managed the Jenkins in distributed environment and responsible for troubleshooting the build and deployment failures.

**Environment Management:**

* Created the environments on the platforms Linux, windows and cloud AWS by using the web, application servers Apache2.2, Apache tomcat and web sphere.
* Environment setup and management on Windows 2000, 2003, 2008, R2, 2012, Linux (REDHAT 6 & 7 and Centos 6&7).
* Troubleshooting the environment issues on windows and Linux environments.

**EDUCATION:**

**B. TECH in ECE from JNTUK in 2017.**

**TECHNICAL SKILL SUMMARY:**

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| Elements | Particulars |
| **Version Control systems** | **GIT, Subversion.** |
| **Build Automation** | **Ant, Maven.** |
| **Continuous Integration** | **Jenkins, Hudson.** |
| **Cloud** | **AWS.** |
| **Artefact Management** | **Sonatype Nexus.** |
| **Web and Application Servers** | **Apache 2.4, Apache Tomcat 7, 8.** |
| **Containers** | **Docker.** |
| **Scripting** | **Shell scripting** |

**EXPERINCE SUMMARY:**

**Working as a Build and Release Engineer for Profound Infotech Private Limited from JULY’2017 to Till Date.**

**Project / Client: American Express, US.**

**Role: Build and Release**

**Environment: GIT (GITHUB, Bit bucket), ANT, Maven, DB2, JIRA, Shell Scripts, WebSphere, Tomcat, Jenkins, AWS, Puppet and Docker.**

**Description:** In the fiercely competitive credit card market, American Express had already staked out its turf: affluent customers interested in high-end cards. American Express’s longstanding success with this segment made its next move a bold surprise—a pivot toward customers seeking alternative financial services. To pull off this dramatic departure, American Express sought to launch its newest product and quickly ramp up a good-sized customer base to create a stir in the marketplace. With Accenture’s help, American Express developed a new mobile platform with a digital alternative to banking, enabled to scale with rapid development.

American Express Serve—a digital prepaid reloadable platform—debuted with money management tools to support various transactions including direct deposit, mobile check deposit, and a “Reserve" account for savings.

With Serve, American Express gave consumers an alternative to banking in the palm of their hands.

**Contributions:**

* Build and automated the deployed to the staging and lower environments.
* Worked with Engineers on providing the configuration details of the all the environments configuration activities Responsible for Environment Management and deployment automation, provision the infrastructure of windows and Linux environments.
* Developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades.
* Worked on standalone docker container setup by writing the docker files and deployed into different environments.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configure jobs and pipelines using Jenkins, troubleshoot problems arising from Build failures and Test failures.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition.
* Specialized in automating tasks and process through scripts, implementing branching models, implementing.
* Written the puppet manifest to build the configuration on the agent nodes.
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Expertise with UNIX and Windows environments including shell.
* Upgrading Jenkins and deploy on Tomcat on the existing applications. Configuring LDAP authentication with the existing software structure (Jenkins).
* Implemented parallel deployment successfully on the Jenkins.
* Deployment of the Business processes by creating JAR, WAR and EAR files to web sphere Application Server
* Built, configured and supported Application team environments.
* Experience Installing, configuring and upgrading Tomcat & web sphere application server.
* Implemented & maintained the branching and build/release strategies utilizing Subversion and GIT.
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Managed Version Control Subversion (SVN) and Bit bucket Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Establishing standards for build artifact management and build configuration. Documentation of change management and best practices.
* Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels.
* Automated deployment of build artifacts from Jenkins into pipeline environments.