**Prakash Gandi**

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**Professional Summary:**

* Over 7 years of experience in IT Industry with ability to accomplish all aspects of the software configuration management **(SCM) process** and **Build/Release management**.
* Ability to manage SCM processes which include **compiling, packaging, deploying** and application configurations.
* Expertise in Administering Continuous Integration Tools like **Hudson/Jenkins,BuildForge**.
* Extensive experience in using Version control systems includes **SVN,GIT, ClearCase**
* Expertise in using build tools like **MAVEN and ANT** for the building of deployable artifacts such as war & ear from source code.
* Experience in managing the artifacts generated by **MAVEN** in the **Nexus repository**.
* Experience in using **Tomcat** and **Apache** web servers for deployments and for hosting tools.
* Good experience in converting **build.xml** into **pom.xml** in order to build the applications using MAVEN.
* Efficient experience in using **Nexus and Artifactory Repository** managers for Maven builds.
* Extensive experience in using**JIRA** and **ClearQuest** Ticketing tools.
* Experience in using **Websphere,Weblogic,Apache** Tomcat Application Servers for deploying applications
* Efficient in tracing complex build problems, release issues and environment issues in a multi component environment.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology, and application configurations.
* Integrated the Code Quality Analysis Tools like Find Bugs and **Cobertura** in **ANT** and **Maven** Projects.
* In-depth understanding of the principles and best practices of Software Configuration Management (**SCM**).
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.

**Technical skills:**

**Operating Systems :**Windows 98/XP/NT/2000/2003/2008, UNIX, LINUX

**Source control tools :**Subversion, GIT, ClearCase

**Build Tool :**ANT, MAVEN.

**CI Tools :**Hudson/Jenkins, and Build Forge.

**Repositories :**Nexus, Artifactory.

**Languages :**C, Perl scripting, Shell scripting, SQL, Java/J2EE,Ruby,CSS.

**Tracking tools :**Jira, Remedy, Clear Quest.

**Web servers :**Web logic, Web Sphere, Apache Tomcat

**Databases :**Oracle, SQL SERVER, MY SQL, DB2.

**Education Details:**

* Bachelors of Engineering in computer science, JNTU Hyderabad

**Work Experience:**

**Access Midstream, Oklahoma City, OK** Nov 2014 -Present

**Sr. Dev-Ops Engineer**

**Responsibilities:**

* Developed and supported the Software Release Management and procedures.
* Responsible for design and maintenance of the **Subversion** Repositories and the access control strategies.
* Created the branches in **Subversion** to implement the parallel development process.
* Developed**MAVEN** Scripts to automate the build process.
* Managed the Maven Repository using **Nexus** tool and used the same to share the snapshots and releases of internal projects.
* Worked closely with development team and QA team for product releases.
* Implemented **Configuration Management, Change Management** policies and procedures.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Developed, maintained, and distributed release notes for each scheduled release.
* Incorporated the Code Quality Tools FindBugs and Coberturawith **Jenkins** for Projects.
* Installed and Configured **Jenkins** for Continuous Integration
* Deployed the applications to **ApacheTomcat** Application Server and static content to apache web servers.
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Having good Experience in using **Atlassian JIRA** Tracking tool.
* Experienced administering a large scale distributed application environment
* Experienced administering Java and C++ applications
* Solid understanding of UNIX environment and network technology (symlinks, NAS devices, NFS/CIFS mounting)
* Evaluated and implemented internal and third-party tools for appropriateness, ease-of- use, scalability, robustness
* Coordinated with operations teams to create strategies and detailed plans for deployment sequencing, timing.

**Environment: SVN, Maven, Jenkins, Tomcat, Perl, Shell Script, Nexus,JIRA.**

Hilton, Glendale, CA Jan 2014- Nov 2014

Sr. Build and Release Engineer

Responsibilities:

* Analyzed **ANT** project for conversion into **MAVEN**.
* Converting the ANT Build projects to Maven Build projects.
* Developing the Maven Build scripts.
* Managed **Maven** project dependencies by creating parent-child relationships between projects.
* Used **GIT** for branching, tagging, and merging.
* Integrating the code quality analysis tools like **Cobertura, Find Bugs, JUnit, PMD, and Checkstyle** into the projects.
* Building and Administering the **Jenkins** Continuous Integration servers.
* Built and Configured Jenkins Slaves for Parallel Job execution.
* Creating new Build jobs, Integration testing jobs and deploy jobs in Jenkins to automate the process.
* Installed and Configured the Apache Tomcat application servers for Dev and Integration Test Environments.
* Automated the process of deployment to **Web Sphere** Application Server by developing Perl Scripts.
* Worked in Agile Project management Process.
* Built and Deployed **Java/J2EE** to Tomcat Application servers in an Agile continuous integration process and automated the whole process.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Developed, maintained, and distributed release notes for each scheduled release.
* Performed Database Tasks as executing DML's in MySQL.
* Participated as an active member of Change Control Board in Production Readiness process.
* Worked with **JIRA** for Issue Tracking and monitoring.
* Used **uDeploy** for application automatic deployment and provisioning to different environments
* Coordinated the resources by working closely with Project Managers for the release and carried builds on various environments using continuous integration tool
* Developed and implemented the software release management for the release of web applications
* Worked closely with the Development Team in the design phase and developed use case diagrams using Rational Rose.
* Worked with the Architects on SDLC process being the owner of post development environments

**Environment: Git, Ant, Maven, Jenkins, JIRA, uDeploy, Shell, Java/J2EE,Web Sphere Servers.**

**Compuware Corporation, Detroit, MI** Jun 2013 - Dec 2013

**Build& Release Engineer**

**Responsibilities:**

* Responsible for building and releasing packages for different testing Environments.
* Modified **Maven** scripts to build the JAR’s, Class files, WAR files and EAR files from VOB's.
* Developed utilities for developers to check the checkouts, elements modified based on project and branch.
* Performing clean builds according to the schedule published for given releases.
* Responsible for Deployments to the **Web Sphere** Application server.
* Releasing code to testing regions or staging areas according to the schedule published.
* Administered **IBMBuild Forge** and involved in creating new Buildjobs, environments and did user Management for build and deployment of JAVA applications.
* Resolved the build and deployment related bottlenecks with the development team.
* Developed and maintained CM Plans and documentation as per the standards defined by IBM.
* Designed **ClearCase** branching strategy and implemented **ClearCase** environment according to the needs of the release management.
* Used **Maven** for doing Java build involving over 5000 JAR files and 2 week build schedule.
* Implemented Shell and Perl scripts for release and build automation. Manipulated and automated scripts to suit the requirements.
* Maintained all the Linux environments for deployments.
* Worked on **ClearQuest**for tracking defects and issues.
* Worked closely with Project Managers to establish and create & design the release plan.

**Environment: Clearcase, Build Forge, Maven, Web Sphere, ClearQuest,Linux.**

**Webster Bank, Bristol, CT** Aug 2012 - Jun 2013

**Build& Release Engineer**

**Responsibilities:**

* Primary duties include Build and Deployment of the java applications onto different environments like **Dev, QA, UAT and Prod.**
* Involved in Installing **Jenkins** on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Generated **Ant**, **Perl** &**UNIX** scripts for build activities in **QA, Staging and Production environments**.
* Worked on the transition project, which involves migration activities from Ant to Maven in order to standardize the build across all the applications.
* Coordinated application release with **Development, DBA, QA and project management** teams.
* Merged release branches to the trunk after the production release and resolved the conflicts erose if any during the merge in **SVN.**
* Managed Users and Groups in **SVN** and trouble shooted client spec issues and user issues.
* Build artifacts (war and ear) are deployed into a **Weblogic** app server by integrating the WLST scripts to Shell Scripts.
* Directed the Release Management Calls to synchronize with the Developers, Testers and DBA teams for successful Release.
* Presented reports to the Project manager about the progress and issues tracking key project Milestones, plans and resources.
* Deployed using Admin console into **WebLogic** Application Servers.
* Worked closely with the team to review code for compatibility issues, resolve issues as they arise, and implement deployment processes and improvements on a continuous basis.
* Used **Remedy** as ticketing tool.

**Environment:Svn, Ant, Maven, Jenkins, Nexus, Weblogic, shell/Perl, Remedy.**

**Harken Energy Corporation, Boston, MA** Apr 2011 - Aug 2012

**Build and ReleaseEngineer**

**Responsibilities:**

* As member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on UNIX platform.
* Participated in the release cycle of the product which involves environments like **Development,ITest, QA, UAT** and **Production.**
* Responsible for configuration, maintenance, and troubleshooting Portal.
* Used **SVN** for the purpose of Software Configuration management and maintaining the versions of code.
* Perform biweekly build cycle and testing processes on Linux.
* Used **Ant** Scripts to automate the build process.
* Developed **UNIX** and **Perl Scripts** for the purpose of manual deployment of the code to the different environments and E-mail the team when the build is completed.
* Deployed application modules to WAS 6.0 based clusters via ND admin console
* Created deployment request tickets in JIRA for the deploying the code to Production.
* Attended the **Minor/Major Event change control** meetings to get necessary approvals for the deployment request.
* Used **Perl/Shel**l to automate build and deployment Process.
* Coordinated with developers, Business Analyst and Mangers to make sure that code is deployed in the Production environment.

**Environment: SVN,Ant, Jenkins,Nexus,JIRA, UNIX, Perl Scripting.**

**Raymond Group, Hyderbad,India** Nov 2009 to April 2011

**Build and Release Engineer**

**Responsibilities:**

* Perform software builds using **ClearCase** as version control tool.
* Involved in creating new elements in **Vobs**
* Release branches and involved in merging back to trunk.
* Writing config specs and creating views for developers.
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Posting the Build on time & following it up the testing team on posted builds.
* Full ownership of the build including sanity. Good Quality release notes. 100 % Error free handling of all on to Component
* Following up with the Test Team & Development Team
* Managing the servers application using the **Shell Scripts**
* Sending the various attributes to the server using the **scripts**
* Built and Deployed **Java/J2EE** to a web application server in an Agile continuous integration environment and also automated the whole process.
* Created and maintained the **Shell**/**Perl** deployment scripts for Web Sphere application servers.
* Developed **Perl** and **shell** scripts for automation of the build and release process.
* Involved in editing the existing **ANT (Build.XML)** files in case of errors or changes in the project requirements.
* Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments.
* Responsible for building and releasing packages for testing.
* Used **Build Forge** as a continuous integration tool for automation of daily process.

**Environment:ClearCase, ANT, WebSphere, Perl Scripts, Shell Scripts, Linux, BuildForge**

**Neon InfoTech Pvt Ltd,Hyderabad,India June 2008 - Nov 2009**

**Java Developer**

**Responsibilities:**

* Identified the Business Requirements of the project.
* Preparing the Design document by reviewing the Solution Requirement Specifications.
* Working on the Change requests and involved in Construction phase. .
* Developed and Worked in EA Frame Work
* Writing Test Cases From Function Specifications.
* Handling Status Calls to explain the progress of defects.
* Providing reports and performing Cleanups requested by client.
* Java coding to Fix the defects and also performing unit and Integrated testing.
* Capable of Creating new database instances & managing table Spaces, users & roles.
* Conversant in XML related technologies.
* Experience in developing dynamic web based user interfaces using HTML and Java Script.

**Environment: HTML, Javascript, XML, JUnit, Eclipse, Struts, Oracle 10g, J2SE (Core java), J2EE.**