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**PROFESSIONAL SUMMARY:**

* Over 6+ years of experience as a SCM, Environment Management and Build/Release Engineering for automating, building, releasing and configuring changes from one environment to other environment.
* Experience in using version controller tools like **Subversion (SVN), GIT, Perforce** and **PVCS**.
* Extensively worked on **Hudson, Jenkins and Team City** for continuous integration and for End to End automation for all build and deployments.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM).
* Worked with development engineers to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
* Exposed to all aspects of **software development life cycle (SDLC)** such as Analysis, Planning, Developing, and Testing, Implementing, Post-production analysis of the projects.
* Ability in deploying the developed code in a **WebSphere/WebLogic/Apache Tomcat/JBOSS/IIS7.**
* Excellent knowledge on Java/J2EE and also the ability of developing **XML, HTML, Shell Scripts and Perl Scripts**.
* Configured **Jenkins** for doing the build in all the non-production and production environments.
* Efficient in working closely with core product teams to ensure high quality and timely delivery of builds.
* In-depth knowledge of computer applications and scripting like **Shell, Python, Ruby, Perl**, **JavaScript** and XML.
* Excellent experience in documenting and automating the build and release process.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging/deployment/release methodology and applicationconfigurations.
* Expertise in Querying **RDBMS** such as **Oracle, SQL Server using SQL, PL/SQL** for data integrity.
* Experience in using **bug tracking systems** like JIRA, Remedy and HP Quality Center.
* Proficient in tracing complex build problems, release issues and environment issues in a  
  multi-component environment.
* Experience in migrating source code repositories from between various version control systems like SVN to GIT.
* Configure the setup of every release biweekly and monthly on the regular basis for product teams to perform integration testing.
* Worked with QA team on Junit, PMD, JaCoCo in build automation process.
* Extensively used build utilities like **Maven, ANT** for building of jar, war, bar and ear files.
* Expertise in **troubleshooting** the problems generated while building, deploying and also in production support.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

**TECHNICAL SKILLS:**

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| Operating Systems: | Windows98/XP/NT/2000/2003/2008,UNIX, LINUX(RHEL),Ubuntu |
| Versioning Tools: | CVS, Tortoise SVN, ClearCase,GIT, Stash, TFS, Mercurial, Perforceand PVCS |
| Bug Tracking Tools: | JIRA, Remedy, HP Quality Center, Mingle |
| Packaging Technologies : | Wise package studio , Install shield Admin Studio, Windows Installer Editor, Conflict Manager, |
| CI Tools: | Hudson, Jenkins,Bamboo, CruiseControl,TeamCity |
| Languages/Scripting | Shellscripting, SQL, Java/J2EE, CSS, Python, Ruby, PHP, Bash,C, C++, Perlscripting,.Net |
| Build Tools | Ant, Maven |
| Web servers: | WebLogic,WebSphere,ApacheTomcat,JBoss,SSIS |
| Configuration Management tools : | Puppet, Chef, OpenStack &AWS |
| RDBMS | Oracle,SQL server,MySQL, DB2 |

**PROFESSIONAL EXPERIENCE**

**Client: State Farm Insurance, Bloomington, IL Aug’ 2013-Till date**

**Role: Sr. Build & Release Engineer**

**Responsibilities:**

* Developed build and deployment processes for Pre-production environments.
* Used Subversion as source code repositories.
* Managed **SVN** repositories for branching, merging, and tagging.
* Developed **Shell/Python** Scripts for automation purpose.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Worked closely with software developers and DevOps to debug software and system problems
* Used **Puppet** to automate Configuration management.
* Used Puppet to manage Web Applications, Config Files, Data Base, Commands, Users

Mount Points, Packages.

* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Planning, scheduling and documenting releases at code freeze Periods.
* Used **AGILE MVN** method to develop a build and also **ANT** as a build tool.
* Involved in writing parent POM files to establish the code quality tools integration.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using **GIT** source control.
* Analyze and resolve conflicts related to merging of source code for **GIT.**
* Implemented the setup for **Master slave** architecture to improve the Performance of **Jenkins.**
* Developed UNIX 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 Puppet, Puppet dashboard for configuration management to existing infrastructure.
* Used **Jenkins,** for Continuous Integration and deployment into **Tomcat** Application Server.
* Installed and Configured the **Nexus repository manager** for sharing the artifacts within the company.
* Supported and developed tools for integration, automated testing and release management.
* Verified if the methods used to create and recreate software builds are consistent and repeatable.
* Suggested tools and related implementation to engineering teams regarding cloud based services.
* Executed QA services for enhancing efficiency of technologies AND related updates for cloud storage applications.
* Converted and automated builds using Maven, Ant and also scheduled automated nightly builds using Jenkins.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Releasing code to testing regions or staging areas according to the schedule published.
* Used **Jira**as ticket tracking and work flow tool.

**Environment:** SVN, Shell/Python Scripts, SCM, GIT, Jenkins, Java, CSS, Puppet, Maven, Ant, Apache Tomcat, Ruby,Jira, Cloud computing,Open stack, JVM.

**Client: State of Wisconsin, Madison, WI Apr’ 2011-Jul’2013**

**Role: Sr. Build & Release Engineer/ DevOps Engineer**

**Responsibilities:**

* Worked in different environments such as **DEV, SYSTEST, QA, Training** and **Production**.
* Analyze and resolve compilation and deployment errors related to code **development, branching, merging** and building of source code.
* Sending the Uptime and Downtime notifications to teams regarding Servers Status as a part of the Build Engineer role at the time of deploying the EAR and WAR package in Tomcat admin Console.
* Written **Chef** cookbooks and recipes in **Ruby** to Provision Several pre-prod environments consisting of Cassandra DB installations, **WebLogic**domain creations and several proprietary middleware installations
* Develop and enhance the automated configuration management system.
* Performed merges for each build from Development Branch to Integration Branch.
* Maintain and enhance current build procedures for all software development projects.
* Branching and merging of the code base in **CVS**.
* Used **Ant, Maven** to perform daily and weekly Software Builds.
* Installed, administered and configured **Jenkins** Continuous Integration tool.
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Maintain build system and automate build process for different applications.
* Deploying Java Enterprise applications to **Apache Web Server,JBoss Application server**.
* Build server deployment on Cloud (**EC2**) servers with help of DevOps tools like chef.
* Created Instances in **Apache Web Server** and**JBoss Application server** in **QA** and **Production** environments.
* Automate deployment and release distribution process with **shell, AWK,** and **Perl** etc.
* Worked with Oracle Database Admin to keep all the specified tables as assigned by developments in sync for every release.
* Deployed a centralized log management system and integrated into Chef to be used by developers.
* Created the Release Management plan with the implementation schedule.
* Experience in managing Source control systems GIT and SVN.
* Used Oracle to connect to various databases and to check for the invalid objects after and before each release.
* Posting the build on time & following it up the testing team on posted builds until the specified release goes Live.

**Environment:** CVS, ANT, Jenkins, Java, Oracle database 10g, Remedy, Confluence, Ruby, Shell Scripts, Apache Web Server V2.2.6,JBoss Application Server V4.2.2, Chef,Cloud computing tools and CitrixNetscaler9.2.

**Client: First American, Irvine, CA Nov’ 2009-Feb’ 2011**

**Role: Build & Release Engineer**

**Responsibilities:**

* Participated in the release cycle of the product which involved environments like **Development**, **INT, QA, UAT** and **Production**.
* Responsible for the building and deploying the artifacts into **DEV, INT** and **QA** Environments
* Used **Mercurial** as version Control for maintaining the versions.
* Responsible for Branching and merging the code as per the schedule.
* Perform biweekly build cycle and testing processes.
* Used **MAVEN** to automate the build process.
* Installed and Configured **Continuum** jobs for automating somebuild Processes.
* Installed and Configured **Nexus** to manage the artifacts in different Repositories.
* Configured and automated the **Jenkins** Build jobs for Continuous Integration.
* Used **Apache Tomcat** as application server for deploying the artifacts.
* 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.
* Managed and performed the environment related configuration changes as a part of deployment.
* Coordinated Release effort amongst various teams (Integration, QA, Testing, and Business Analysis) in geographically separated environment.
* Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
* Used **Perl/Shell** to automate build and deployment Process.
* Executed the DB Scripts (DML’s) which have dependencies on the code on Oracle DB.
* Documented the deployment process (Migration Doc) of code to production.
* Used **JIRA** as Issue Tracking Tool.

**Environment**: Mercurial, SVN, GIT, MAVEN, Jenkins, Nexus, Apache Tomcat, Perl/Shell Scripting, ANT.

**Client: FedEx, Memphis, TN Dec’ 2008 – Oct’ 2009**

**Role: Build & Release Engineer**

**Responsibilities:**

* Provided CM and Build support for more than 5 different applications, built and deployed to the production and lower environment.
* Defined and Implemented CM and Release Management Processes, Policies and Procedures.
* Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Provided level one support for build troubleshooting and production issues.
* Maintained build related scripts developed in **ANT**, **Python** and **shell**. Modified build configuration files including **Ant’s build.xml**.
* Worked with development team to migrate **Ant scripts** to **Maven.**
* Experienced in authoring **pom.xml** files, performing releases with the **Maven release plugin**, **Mavenization**of Java projects and managing **Maven repositories**.
* Researched and implemented code coverage and unit test plug-ins with Maven/Jenkins.
* Used Maven dependency management system to deploy snapshot and release artifacts to **Nexus** to share artifacts across projects.
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Ant** and **Maven** to schedule the builds.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Worked on the Oracle databases in the backend to execute the DMLs and DDLs.
* Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.

**Environment:**  Ant, Java, Maven, Jenkins, Linux, Solaris, WebSphere, Shell scripting, Apache Tomcat, Nexus.

**Education:** Bachelors of Engineering in Electrical & Electronics, JNT University, India.