**Aditya Verma**

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**SUMMARY:**

**7 Years** of extensive experience on **Build Engineering & Release Management process**, includingend-to-end code configuration, building binaries & deployments of artifacts and entire life cycle model inEnterprise Applications.

* In-depth knowledge of Build and Release management methodologies and production deployment which include Compiling, Packaging, Deploying and Application Configurations.
* Skilled at Software Development Life Cycles **(SDLC)** and Agile Programming methodologies.
* Experienced with enterprise level source control repositories such **as Subversion (SVN), IBM Rational ClearCase, CVS, Perforce** and **Harvest**.
* Experienced in Administering **SVN**.
* Good experiencein administering version control systems to create daily backups and checkpoint files.
* Strong command on source controller concepts such as **Branches, Merges** and **Tags**.
* Expertise in using build tools like **Maven** and **Ant** for the building of deployable artifacts such as jar, war,& ear from source code.
* Great understanding on **Ant** and **Maven** with respect to their**Tags,Tasks** and **Targets**, dependencies and co-ordinates to write **pom.xml** and **build.xml**.
* Involved in Migration activities from **Ant** to **Maven** to enhance the build process.
* Converted **build.xml** into **pom.xml** to build the applications using **Maven**.
* Managed the artifacts generated by **Maven** in the **Nexus** repository
* Expertise in querying **RDBMS** such as **Oracle**, **MySQL** and **SQL** Server by using **SQL** for data integrity.
* Experience in using **Nexus** and Artifactory Repository Managers for **Maven** builds.
* Expert in deploying the code through application servers like **WebSphere/WebLogic/Apache Tomcat/JBoss.**
* Extensively worked with automation tools like **AnthillPro,Hudson, Jenkins,Build Forge** and **Bamboo** to implement the automation and their configuration.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like **JUnit, Cobertura** and**Findbugs.**
* Ability to build deployment, build scripts and automated solutions (using scripting languages such as **Shell, Perl, JavaScript, AWK).**
* Deployed IOS Mobile binary files to production center.
* Created Build Id for each specific mobile release using Ant Script for IOS.
* Maintained IIS webserver during deployments and production for .net applications using SVN as a source control.
* Created batch files for .net applications to automate the deployments.
* Deployed html, css, js files for android mobile applications.
* Deployed applications based on VB script using svn.
* Worked on clearing Akamai cache and NetScalar server cache in order to get the latest content for mobile applications.
* Good command in working with Tracking tools **JIRA**, **Remedy, HP Quality Center, Merant Tracker.**
* Experience working with automation tool **Puppet**.
* Used **Puppet** to manage Web Applications, Config Files, Data Base, Commands, Users

,Mount Points, Packages.

* Managed environments **DEV, SIT, QA, UAT** and **PROD** for various releases and designed instance strategies.
* Experience using **RPMs** to effectively package the applications for product deployments.
* Used VMware **VSphere**and**VCenter** to create **VMs**, managed these **VMs** on various **ESX** hosts.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support and documenting the build and release process.
* Good interpersonal skills, team-working attitude and taking initiatives in solving problems and providing best solutions.

**Technical Skills:**

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| **Build Tools** | **ANT &MAVEN** |
| **CI Tools** | **Hudson, Jenkins, Build Forge, AnthillPro, Bamboo** |
| **Application Servers** | **Apache Tomcat, WebLogic, WebSphere, JBoss** |
| **VersionControl System** | **Subversion (SVN),GIT, IBM Rational ClearCase, Perforce, CVS, CA Harvest** |
| **Tracking Tools** | **AtlassianJira, Remedy,ClearQuest, HP Quality Center** |
| **Databases** | **SQL Server 2005/2008 R2, Oracle 9i/10g/11g, MySQL, DB2** |
| **Operating Systems** | **Windows XP/2003/2007, Unix, Linux, RHEL, HP-UNIX,AIX** |
| **Programming Languages** | **C, C++, Java, HTML, CSS, JavaScript, Ruby and XML** |

**Work Experience:**

#### Client : AT&T, Dallas, Texas Feb 2014- Till date

**Role : Build and Release Engineer**

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**Roles and Responsibilities:**

* Provided Configuration Management and Build support for more than 5 different applications, built and deployed to the production and lower environments.
* Defined and Implemented Configuration Management and Release Management Processes, Policies and Procedures.
* Analyze and resolve compilation and deployment errors related to code **development,branching, merging and building** of source code.
* Created and maintained **Subversion** repositories, **branches** and **tags**.
* Experience in Administering **SVN**.
* Worked on deploying IOS Mobile binary files to production center.
* Worked on creating Build Id for each specific mobile release using Ant Script for IOS.
* Maintained IIS webserver during deployments and production for .net applications using SVN as a source control.
* Created batch files for .net applications to automate the deployments.
* Deployed html, css, js files for android mobile applications.
* Worked on clearing Akamai cache and NetScalar server cache in order to get the latest content for mobile applications.
* Worked on coordinating for assigning release number for each specific mobile release.
* Acted as an integrator for performing merge, rebase and baseline operations.
* Enforced development policies using Subversion hooks and other metadata.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using Subversion source control.
* Developed build and deployment script using **ANT**, **Shell** to Setup development and **QA** environments.
* Troubleshoot the automation of installing and configuring **Java** applications in the testing and production environments.
* Used **AnthillPro** as Continuous Integration tool.
* Maintained build related scripts developed in **ANT** and **Shell**. Modified build configuration files including Ant **build.xml**.
* Work with development, testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Deployed code on **WebSphereapplication servers** for Production, QA, and Development environments.
* Performance tuning of **WebSphereapplication server**includingJVM, Garbage Collection, **JDBC**along with its server logs.
* Worked on the**DB2** databases to keep all the database tables in every environment in sync.
* Deployed applications based on VB script using svn.
* Used **Puppet** to automate Configuration management.
* Involved in sprints and planned releases with the team using **JIRA** and **Confluence**.
* Used **JIRA** tool to track all the defects and changes related to Build and Release Team.

**Environment: Subversion (SVN), ANT, AnthillPro, DB2,JIRA, Confluence, Shell Scripts,WebSphere Servers.**

**Client :Xerox, Dallas, Texas. June 2012- Jan 2014**

**Role : Build and Release Engineer**

**Roles and Responsibilities**:

* Analyzed the **ANT** build projects for conversion.
* Converting the **ANT** build projects to **Maven**build projects.
* Developed the **Maven** build pom.xml scripts.
* Managed **Maven** project dependencies by creating parent-child relationships between projects.
* Integrated the Code Quality Analysis tools like **FindBugs, JUnit and Checkstyle** into the projects.
* Build and Administered the **Jenkins** Continuous Integration servers.
* Build 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 **WebLogic** application servers for **Dev** and **Integration Test** Environments.
* Built and deployed **Java/J2EE**artifacts onto the**WebLogic Application Servers** in an Agile continuous integration process.
* Experience in installation and configuration of **Puppet**.
* Using **Perforce** version control toolsfor developing multiple applications on Source codes repository.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Developed, maintained, and distributed release notes for each scheduled release.
* Worked on **Oracle10g** database.
* Patched different software using **RedHat Package Manager** and **YUM**.
* Installed certain **RPM** packages, which were not installed default for **Oracle**.
* Installed and configured **Apache ANT** for automated build processing using **RPM**.
* Downloaded latest kernel from **YUM server**, created repo to make it available for the installation of target servers.
* Worked with**HP Quality Center** for Issue Tracking and monitoring.
* Worked with the Architects on **SDLC** process being the owner of post development environments.
* Coordinated the resources by working closely with Project Managers for the release and carried deployments and builds on various environments using **Jenkins**continuous integration tool.

**Environment: Perforce, ANT, MAVEN, Jenkins, HP Quality Center WebLogic Application Servers,ORACLE.**

**Client : Flagstar bank, Troy, Michigan. Jan 2010 - May 2012**

**Role :Build Engineer**

**Roles and Responsibilities:**

* Responsible for versioning the source code, releasing binary files, creating and applying labels on source files and release files.
* Led **Jenkins continuous integration server installation** and configuration for all **GIT** Repositories.
* Automated application packaging and deployments.
* Managed Linuxstaging and testing environments.
* Established coding standards and enforced them through automated tools.
* Implemented **Gerrit Code review tool** and integrated it with Hudson to trigger builds once the commit is been uploaded to Gerrit dashboard.
* **Configured multiple Windows and Linux Slaves for Jenkins Master** to distribute the load across all the machines.
* Applied the test driven development methodology while developing which yielded cohesive, loosely coupled and tested code.
* Educated team about continuous integration and automated testing practices and supported them throughout development.
* Configured **Jenkins** to implement nightly builds on daily basis and generated change log that includes changes happened from last 24 hours.
* Integrated Testing Tools like **Junit inJUnit**which provide unit testing and code coverage with detailed graphical reports.
* Connected continuous integration system with GIT version control repository and continually build as the check-in’s come from the developer.
* Created multiple **Make, ANT, MAVEN, Shell** scripts for build automation and deployment.
* Defined branching and merging strategies.
* Documented the SCM process and policies of the company and recommended some process changes.
* Build and maintain **SQL scripts** and execute different scripts for different environments.
* Responsible for writing the **Release Notes**, documenting all the useful info about the release, software versions, changes implemented in current release, Defects fixed, Labels applied.
* Deployed Java/J2EE applications on to **Apache Tomcat**application servers and configured **it** to host the wiki website.
* Deployed application packages on to **Apache Tomcat** Sever.
* Coordinated with software development teams and QA teams on issues and solved the problems.

**Environment: GIT, IBM Rational ClearQuest, Make, ANT, MAVEN, Shell (bash), Apache Tomcat Application Server, Java/J2EE, Linux, SQL**

**Client: CMC, Hyderabad, India. Apr 2009 - Oct 2010**

**Role : Release Engineer**

**Roles and Responsibilities:**

* As a 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.
* Build and deployed**J2EE** application in **JBoss.**
* Assist with maintaining current build systems, developed build scripts, and maintained the source control system.
* Managed the source codes repository of multiple development applications using **CVS** and **Perforce** version control tools.
* Created analytical matrices reports for release services based on **Remedy** tickets.
* Trained offshore team members and responsible for knowledge transfer.
* Performed weekly and on-call deployments of application codes to production environments.
* Participated in the Change Control Board Meeting to analyze the risk and plan for the successful Releases.
* Coordinated application releases with Developers, DBAs, QAs and Project Managers.

**Environment:Concurrent Versions System (CVS), Perforce, ANT, MAVEN, Jenkins, Remedy, JBoss, UNIX**

**Client : Satyam computer services, Hyderabad, India. Feb 2008 - Mar 2009**

**Role : Linux Administrator**

**Roles and Responsibilities:**

* Establishes system by planning and executing the selection, installation, configuration, and testing of web application server hardware, software, **LAN**s and **WAN**s.
* Maintains optimal system performance with system **monitoring, analysis**, and **performance tuning**.
* Involved in creating new users, groups and setup their home directories and appropriate access restrictions to software in the **Active Directory** environment and **NIS** domains.
* Troubleshoots system hardware, software, networks and operating system.
* Designs and runs system load/stress testing.
* Secures system by developing system access, monitoring, and controls.
* Establishes, tests and documents disaster recovery policies and procedures.
* Developed build and deployment processes.
* Developed and maintained integration and release processes.
* Developed and maintained **UNIX/Perl/Ant** scripts for build and release tasks.
* Responsible for building and releasing packages to **Dev, Itest**and **QA Environments**.
* Performing clean builds according to the schedule published for a given releases.
* Responsible for deleting the old deployed code and deploying the newly built code using **Web Sphere IDE** (Integrated Development Environment).
* Releasing code to testing regions or staging areas according to the schedule published.

**Environment: Red Hat Linux 3/4, Solaris 9, Veritas volume manager, SSH, LVM, SVM, WebSphere Servers**