**Srikanth Pilli**

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**PROFESSIONAL SUMMARY:**

* 8 years of experience as a DevOps/Build and Release Engineer implementing and maintaining Source Code Management. .
* Expertise in Source Code Management tools such as SVN, GIT, RTC, TFS, CVS and VSS.
* Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing and Implementing and Post-production analysis of the projects.
* Extensively worked with Version Control Systems CVS, SVN (Subversion), GIT, Perforce.
* Managed environments DEV, SIT, QA, UAT and PROD for various releases and designed instance strategies.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) concepts (branching, merging, integration, versioning, etc.)
* Good knowledge on cloud management platform like scalar.
* Expertise in Maven core concepts and effectively managing and structuring multi module projects and their dependencies within projects and versioning artifacts.
* Experience in administering, troubleshooting and Implementing Release management methodologies to support build and deployment process and manage development tools for software development groups and work towards meet and define SLA's.
* Experience in administering and supporting the CM tools including Subversion and CVS on UNIX environments.
* Good knowledge on ITIL Process and have worked on coordinating releases across the projects.
* Extensively worked on Continuous Integration Tools Jenkins, Hudson, RTC, TFS, Bamboo Cruise Control to automation of build and deployment process and etc.
* Expertise in Repository Management tools Jfrog Artifactory, Nexus Repository Manager.
* Experience with administrative tasks with CI tools like maintaining configurations and backups and maintain high availability
* Good experience Shell andscripts to automate the deploymentsand exposure to Ruby, Python scripting.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.
* Extensive experience in built automation DevOps tools like ANT, MAVEN, HUDSON/JENKINS, Bamboo, Chef, Puppet, Atlassian.
* Expertise in setup and configuration of Application Servers WebSphere, Tomcat, JBoss, WebLogic and involved in deployment activities.
* Experience using RPMS to effectively package the applications for product deployments
* Worked with Engineers, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like JUnit, Cobertura, Clover, PMD, find bugs and check style.
* Used Atlassian Tool suite includes JIRA for handling documentation, running automoated tests, bug tracking and feature management.
* Experience onChef as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications.
* Used Puppet Development tool to manage the configuration of Unix operated systems declaratively.
* Good experience in code compilation, versioning & continues integration
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations.
* Extensive knowledge in writing PL/SQL Packages, Stored Procedures, Triggers and Functions.
* Good experience on CM Tools such as PVCS ,Subversion etc.
* Experience in building and deploying Java & SOA applications and troubleshooting the build and deploy failures.
* Experience in Configuring and deploying to Application servers Tomcat and static content to Apache
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Knowledge in gathering requirements from various team’s dev, QA, Ops etc for automating process and improving agility in development process.
* Experience in using Bug tracking tools like JIRA, Remedy, HP Quality Center, Servicenow.
* Expertise in troubleshooting the problems generated while building, deploying and in production support.

**TECHNICAL SKILLS:**

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| **Operating System** | Windows 95/98/2000/2003/2007XP/Vista/7./Linux/Unix |
| **Version Control Tools** | CVS,SVN, Source,TFS,Clear case, Git |
| **Application Server** | WebLogic ,Oracle Application Server ,Apache, Tomcat,JBOSS,  AWS ec2 server and Vmware Vcloud |
| **XML** | XML, XSLT, SOAP, HTML, UDDI, XSL, HTTP, JMS. |
| **Web Services** | WebLogic, WebSphere,JBOSS,Apache Tomcat |
| **Buid Tools** | ANT, MAVEN, HUDSON/JENKINS, Bamboo, Chef, Puppet, Atlassian. |
| **Languages** | Java , C , PL/SQL,MSSQL. |

**Work Experience:**

**Direct TV, Los Angeles - CAMay 2014— Till Date**

**Dev-Ops/Build Release Engineer**

**Responsibilities:**

* Deployed the generated build to WEB and APP server using the continuous integration process to all Environments. Coordinated different teams across the globe to deploy different builds to different environments on parallel development for multiple projects (DEV, QA, PERF, AUTH, UAT, PRODUCTION)
* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Manage Code Repository by, maintaining code repository in GIT, improve practices of branching and code merge to custom needs of development team.
* Creating the build script using the ANT as build tool, for JAVA web application. Jenkins Continuous Integration Server - Installation, Configuration, Design and Administration and integration tools with other systems
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, SSH, deployment and testing
* Implemented auto environment creation using puppet and AWS.
* Responsible in managing all aspects of the software configuration management process including code compilation, packaging, deployment, release methodology and application configurations.
* Experience in SCM tool Git and GitHub Scripting in multiple languages on UNIX, LINUX and Windows - Batch, Shellscript etc. Troubleshoot the build issue during the Jenkins build process.
* Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Manages the building and automated deployments of our analytics infrastructure to AWS.
* Code Coverage-Installed SONAR on Jenkins server and configure with the build process for the code analysis process for better code quality and code metrics, and rapid feedback for development teams and managers.
* Setup Environment: - Installed perquisites of product and configure it. Setup environment for developers and QA engineers on local system and staging/production system. Configure and maintain the environment according code update and third party software.
* Resolved system issues and inconsistencies in coordination with quality assurance and engineering teams.
* Used the JIRA for bug tracking, creating the dashboard for issues.
* Used the different tool like SERVICE NOW and CONFLUENCE.
* Release Engineer Publish build and release for daily in Dev and QA environment. Maintain QA environment and solve issue of QA and maintain DB version according releases. Also publish code and DB on production and staging as per business requirement.
* Created the RUN PLAN for production release, and understood the requirement from DEV team and business team for release.
* Organizing the Release Stand UP meeting with the all concerned teams.
* Worked on cross-platforms (Windows-Unix)
* Good analytical, problem solving, communication skills and have the ability to work either independently with little or no supervision or as a member of a team.   
  Excellent communications skills, configuration skills and technical documentation skills.

**Environment**:GIT, JENKINS, WEBSPHERE, ANT, JIRA, CONFLUENCE, SERVICE NOW, SONAR, AWS.

**DuPont Pioneer, Johnston - IA June 2013— May 2014Build Release/DevOps Engineer**

**Responsibilities**:

* Designed and Implemented end to end automation for build and deployments.
* Installed and configured Puppet Master and Agent for continuous delivery.
* Written manifests/Recipes and Ruby scripts to customize the Puppet/Chef as per our environment.
* Helped developers to resolve subversion code merging issues.
* Written Chef Recipes to automate our build/deployment process and do an overall process improvement to any manual processes.
* Written multiple cookbooks in Chef. Implemented environments, roles, databags in Chef for better environment management.
* Configured report and exception handlers in Chef
* Used Foodcritic and Rubocop to avoid common cookbook errors
* Used chefspec for Unit testing of cookbooks
* Designed and Developed Jenkins/Hudson automated Builds.
* Managing Git server instances, server clusters.
* Managed Nexus Maven repositories to download the artifacts during the build.
* Branching and merging codelines in the Git and resolved all the conflicts arised during the merges.
* Designed and developed build bash shell and Perl scripts.
* Experience in writing maven pom.xml and ant build.xml for build scripts.
* Used Maven Nexus Repository to upload the build artifacts after a successful build.
* Installed and administered tools like Bamboo, Jira, Confluence and Fisheye.
* Created work flows in Jira to manage the changes from development till Production.
* Hands-on experience configuring workflows, writing jobs in Jenkins for performing automated buildsand deployments
* Created the parameterized builds in Jenkins to build the code and property files into multiple environments by using maven profiles.
* Deployed the build artifacts into environments like QA, UAT & Production according to the build life cycle.
* Written Shell scripts to automate the deployments into multiple environments.
* Supported ITIL Process enforcements for a few applications in accordance with SOX procedures

**Environment:**Unix/Linux, Windows 2X, SVN, P4, Chef, Git, Gerrit, Maven, Hudson/Jenkins, Shell, Perl, Jira, Anthill Pro, Remedy, Nexus, Oracle, MS SQL Server.

**BB&T, Raleigh - NC Dec 2011 — Feb 2013Build and Release Engineer**

**Responsibilities:**

* Setup and configuration of SVN, created users, groups, created repositories, branches, tags, involved in merging activities.
* Setup and configuration of Tomcat, created multiple instances, did deployment of war files.
* Assist developers in build and deployment issues.
* Responsible for design and maintenance of the Subversion Repositories and the access control strategies.
* Configured Checkstyle, PMD, FindBugs code quality tools and integrated with Hudson and Cruise Control.
* Prepared and analyzed reports using python libraries.
* Worked on Python Open stack API's
* Used Pandas library for statistical Analysis.
* Implemented Ant build scripts to automate build process.
* Setup and configured Continuous Integration tools Hudson, Cruise Control. Created Jobs for the projects build and deployment. Scheduling the build and deployment using crontab.
* Setup and configuration of WebSphere application server profiles, configured data sources.
* Deployment of ear files into a WebSphere application server, troubleshooting the applications.
* Deployment of war files into a WebSphere Portal server, troubleshooting the applications.
* Written customized Checkstyle checks.
* Merged release branches to the trunk after the production release and resolved the conflicts rose during the merge in Subversion.
* Carried Deployments and builds on various environments using continuous integration tool.
* Involved software release management for the release of applications.
* Participating in daily meetings.
* Given Knowledge sharing sessions on SCM, Build, CI tools and Servers.

**Environment:**SVN, Ant, Maven, Cruise Control, Hudson, WebSphere App Server, WebSphere Portal Server, WebSphere MQ Server, Python, Batch, Shell, Quality Center, Checkstyle, PMD, FindBugs, Emma, JDepend, Eclipse, Tortoise SVN, Java/J2EE, Linux, Windows

**Home Depot, Atlanta - GA Nov 2010 – Nov 2011**

**Release Engineer**

**Responsibilities:**

* Performed software configuration/release management activities for three different Java applications.
* Designed and implemented Continuous Integration process using tools like Hudson with approval from development and other affected teams. Defined processes to build and deliver software baselines for internal as well as external customers.
* Converted old builds using MAKE to ANT and XML for doing Java build
* Created and maintained built wrapper scripts using PERL.
* Configured and Maintained Apache web servers for Release Management Team’s internal use.
* Provided assistance to developers in resolving problems.
* Created and Maintained Subversion repositories, branches and tags.
* Acted as an Integrator for performing merge, rebase and baseline operations.
* Enforced development policies using Subversion hooks and other metadata.
* Attend forum for management of release weekly meetings.
* Maintained and executed build scripts by coordinating with development and QA teams.
* Responsible in doing build and deploying on different environments simultaneously.
* Deployed the EAR and WAR archives into Weblogic and Apache Servers.
* Monitor progression of releases and keep them on track for delivery on planned release date.
* Submit request for implementation to various groups who participate in release.
* Assemble Release Kit and complete all paperwork, including implementation/back out plans.
* Turnover documentation monitor status of actual production turnover.
* Serve as production implementation coordinator.
* Communicate status of release to all stakeholders.

**Environment:**Java, Ant, Hudson, Weblogic, Subversion, Shell & Perl scripting.

**Global Logic, Hyderabad - India Nov 2009 —Oct2010**

**Build and Release Engineer**

**Responsibilities:**

* 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.
* Carried Deployments and builds on various environments using Build Forge Automation tool.
* Developed and implemented the software release management for the release of web applications.
* Wrote ANT Scripts to automate the build process.
* Used Shell/Perl scripts to automate the deployment process.
* Used IBM Rational Clear Quest for tracking the changes and approval process.
* Designed a customized Status Reporting tool used currently, based on the specific requirements using J2EE/Struts and Websphere Application Server with DB2 as Database..
* Sole person to be responsible for Release/Change control Process.
* Worked with many teams of strength more than 30 and managed 2 release/build engineers.
* Stand by administrator for Clear Case.
* Involved in creating new elements in Vobs.
* Administered Build Forge for automated build and deploy activities.
* Responsible for User Management, Creating/Managing Libraries, Projects, Environments and Schedules in Build Forge for Build and Deploy Automation.

**Environment:** IBM Rational Clear Case, Java/J2EE, ANT, DB2, UNIX, Build Forge, WebSphere, Shell and Perl Scripting.

**Eccentric Solutions, Hyderabad - India. July2008— Oct 2009**

**Java Developer**

**Responsibilities:**

* Performed in various phases of the Software Development Life Cycle (SDLC)
* Developed user interfaces using JSP framework with AJAX, Java Script, HTML,XHTML,and CSS
* Performed the design and development of various modules using CBD Navigator Framework
* Deployed J2EE applications in Web sphere application server by building and deploying ear file using ANT script.
* Created tables, stored procedures in SQL for data manipulation and retrieval.
* Used technologies like JSP, JavaScript and Tiles for Presentation tier.
* CVS tool is used for version control of code and project documents
* Development of complex SQL queries and stored procedures to process and store the data.
* Used ANT, a build tool to configure application.
* Developed test cases using JUnit.
* Involved in unit testing and bug fixing.
* Prepared design documents for code developed and defect tracker maintenance.

**Environment:**JSP, Servlets, JDK, JDBC, XML, JavaScript, HTML, Spring MVC, JSF,Oracle, Sun Application Server, UML, JUnit, JTest, Netbeans, Windows 2000.