**Vamshi**

**Contact: 6605415256**

**Email:** [**tmohanvamsi@gmail.com**](mailto:tmohanvamsi@gmail.com)

**SUMMARY:**

* Over 7+ years of experience as a DevOps Engineer in Automating, building, deploying and releasing of code from one environment to other environment.
* Expertise in designing and developing Jenkins deployments.
* In depth understanding of the principles and best practices of software configuration management (SCM) in Agile, Scrum and Waterfall methodologies.
* Working knowledge of branching and merging code lines in the GIT and resolved all the conflicts raised during merges.
* Used GIT as version control system for two applications. Managed development streams and Integration streams.
* Managing GIT and SVN which includes creating new users and writing some pre commit and post commit scripts.
* Experience in working with version control systems like Subversion, clear case, Perforce, GIT and used source code management tools like Tortoise SVN, GitHub.
* Hands on TFS (Team Foundation Server) based build system.
* Extensive experience in using MAVEN and ANT as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Good knowledge on using Artifactory repos for Maven and Ant builds.
* Hands on developing and executing Shell scripts and Perl scripts.
* Ability in executing of XML, Ant scripts, shell scripts, Perl scripts and Java scripts.
* Good knowledge on Linux, Solaris and UNIX administration.
* Implemented continuous integration and deployment using various CI tools like Jenkins, Bamboo and Hudson.
* Experience of working with release and deployment in java/j2EE, android, c, c++ and web application environments.
* Worked on configuration management, change Mgmt., Incident Mgmt., problem Mgmt. and release event Mgmt. to integrate existing IT services and components.
* Basic knowledge of C, C++ and JAVA.
* Experience in Amazon Web Services (AWS).
* Experience with Amazon AWS cloud creating EC2 instances, security groups, EC2 container services and Amazon elastic block store.
* Deployed Puppet, Puppet Dashboard for configuration management to existing infrastructure.
* Experience writing Chef Cookbooks and recipes to automate the deployment process and to integrating Chef Cookbooks into Jenkins jobs for a continuous delivery framework.
* Knowledge of databases like MySQL, Oracle and IBM DB2.
* Good knowledge on networking concepts like routers, switches, DHCP, DNS, OSI layers, TCP/IP protocols.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology and application configuration.
* Experience in installing, configuring, managing, tracing complex build problems, release issues and trouble shooting skills.
* Excellent experience in designing, documenting and automating the build and release process.

**TECHNICAL SKILLS:**

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| **Languages** | C, C++, C#, Java, J2EE |
| **Scripting Languages** | Maven, ANT, Shell scripting, JavaScript, Python, Bash |
| **Operating Systems** | MS Windows Xp/2000/98/, UNIX, Linux, MSDOS |
| **Build Tools** | ANT, Maven, MS build, puppet |
| **CI tools** | Jenkins/Hudson, Cruise Control, Build master |
| **Database** | Oracle 10g and 8i/9i, MS SQL, DB2 7.2/8.1/8.2, MS Access |
| **Servers** | Apache Tomcat, IBM JBoss, Web Logic, Web Sphere, VMware |
| **Bug Tracking Tools** | Clear Quest, JIRA. |
| **DevOps Tools** | Urban Code Deploy, AWS Puppet, Chef |

**EDUCATION:**

Bachelors Of Electronic and Computers scienceJNTU, INDIA

**PROFESSIONAL EXPERIENCE: Oct 2015 – Till Date**

**Charter Communications, Greenwood Village, CO**

**Sr Devops Engineer**

Charter Communications is an American cable telecommunications company, which offers their services to consumers and businesses under the branding of Charter Spectrum. Providing services to 5.9 million customers in 29 states it is the third-largest cable operator in the United States.

**Responsibilities:**

* Installed and Setup Puppet master and agents for infrastructure automation
* Automated installing the Linux packages and administering Linux service using puppet, and automating product installation configuration.
* Installed and configured Jenkins on Linux and windows environments.
* Analyze and resolve conflicts related to merging of source code for SVN.  
  Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Worked with development team to migrate Ant scripts to Maven.
* Experienced in authoring pom.xml files, performing releases with the Maven release plugin, and managing artifacts in maven internal repository
* Researched and implemented code coverage and unit test plug-ins like find bugs, check style and Junit with Maven/Hudson.
* Utilized Perl and Python for GIT.
* Involved in setting up JIRA as defect tracking system and configured various workflows, customizations and plugins for the JIRA bug/issue tracker.
* Used JIRA tool to create and update stories and also for tracking project status.
* Used JIRA for all our projects in scrum methodology for creating stories and giving points to the stories, and also updated stories as per our sprints
* Documented all our build deploy methods, release calendar and desk procedures on WIKI confluence.
* Providing documentation on Install, Upgrade release guides for application to documentation team.
* Configured and maintained Hudson to implement the CI process and integrated the tool with Ant and Maven to schedule the builds. Took the sole responsibility to maintain the CI Hudson server.
* Work with development/testing, deployment, systems/infrastructure and project teams tensure continuous operation of build and test system
* Deployed code on Web logic Application Servers for UAT and Development environments.

**Environment:** Java/J2EE, ANT, Maven, Subversion, Chef, Puppet, UAT, ORM, Linux, AWS, Open Stack ,Shell/Perl Scripts, Python, SCM, GIT, Jenkins, Tomcat, Jira.

**Premiere Global Services, Atlanta, GA Aug 2013– Sep 2015**

**Devops Engineer**        
Premiere Global Services, Inc., is a multinational corporation and global provider of conferencing and collaboration solutions. Its products include audio conferencing, web conferencing, webcasting, videoconferencing and virtual meeting solutions. It provides global SaaS (software as a service) and cloud computing solutions to small, medium and enterprise businesses.

**Responsibilities:**

* Build and deployments of java applications in pre-production and production environments.
* Designed and implemented Software configuration management (SCM) and change management (CM) solution using SVN, Jira, Clear Quest (Change Control tool).
* Used GIT, SVN in creating the packages, snapshots, branches and tags for developers in version control.
* Administrated all aspects in GIT and troubleshoot with merge conflicts.
* Virtualized the servers using the Docker for the test environments and dev-environment needs.
* Diagnosed and resolved problems associated with DNS, DHCP, VPN, and Apache  
  Used Jenkins for Continuous Integration and deployment into Web sphere Application Servers.
* Worked on weekly merges for different branches and resolving the conflicts as part of release activities.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2,Chef, and custom Ruby/Bash scripts.
* Worked closely with software developers and Devops to debug software and system problems.
* Configured NFS and Open LDAP services in Red Hat Linux and Solaris systems.
* User, Group management for all the UNIX servers.
* Experience installing Puppet agents and pushing Manifests/Modules to 500+ Puppet clients.
* Implemented continuous deployment system with Jenkins.
* Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Trouble shooted Build and Deployment Issues, with little downtime.

**Environment:**Ant, Maven, Jenkins, Hudson, Chef, Puppet, Python, Jira, AWS, GIT, SVN, LDAP, Apache Web server.

**Flagstar Bank, Troy, MI Nov 2012 - Jun 2013**

**Build and Release Engineer**

Flagstar Bancorp, Inc. operates as the holding company for Flagstar Bank, a federally chartered stock savings bank. Flagstar is the largest publicly traded savings bank headquartered in the mid west United States. Flagstar is also a leading [mortgage](https://en.wikipedia.org/wiki/Mortgage_loan) lender and a national leader in the wholesale mortgage business. The bank was chartered in 1987 under the name First Security Savings Bank, FSB.

**Responsibilities:**

* Responsible for streamlining the build, deployment and release of technology for commercial cards enterprise system using scripting, SVN, and Java technologies, architecture, and design framework.
* Designed and implemented Subversion and GIT metadata including elements, labels, attributes, triggers and hyperlinks.
* Automated the build process using build tool Jenkins and scheduled it daily for the sanity check of the Java code checked in by the developers.
* Introduced new techniques and technologies for build automation to evolve existing systems.
* Created shell scripts for automation of different projects including SQL Database deployments to different environments like DEV, SIT, UAT etc.
* Worked efficiently with Applications Development and Support group to implement, test and rollout new patch releases.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Involved in Migrating applications to the AWS cloud.
* 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.
* Designed Puppet Modules to manage configurations and automate installation process.
* Deployed the Java applications into web application servers like Web logic.
* Developed automation scripting in Python (core) using Puppet to deploy and manage Java applications across Linux servers.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Created Branches, and performed Merges in Source Tree & Stash.
* Merged the Branches after the Code Freeze.
* Worked closely with developers to pinpoint and provide early warnings of common build failures.
* Experience in partially administering ALM (PIVOTAL TRACKOR) for issue management.
* Created Perl & UNIX scripts for build and Release activities in QA, Staging and Production environments.
* Worked with customers, developers, testing, product management and support staff.
* Executed user administration and maintenance tasks including creating users and groups, reports and queries.
* Kept track of all the releases and request of the developers through Infrastructure management tool.

**Environment:** Jenkins, GIT, ANT, MAVEN, JIRA, Chef, Python, JAVA/J2EE, Web Sphere, Puppet, Unix/Linux, Windows, Ruby, Perl, Shell, Jira, Apache Tomcat, XML, Java/J2EE.

**KPMG LLP, Sacramento, CA Oct 2010 – Sep 2011**

**Build and Release Engineer**

KPMG LLP, the audit, tax and advisory firm, is the U.S. member firm of KPMG International Cooperative ("KPMG International"). KPMG is a global network of professional firms providing Audit, Tax and Advisory services. We operate in 155 countries and have more than 162,000 people working in member firms around the world.

**Responsibilities:**

* Performed merging from development to parent branches prior to building the code.
* Setup the build and deployment scripts using Anthillpro for J2EE and Java applications using Web logic Application Server and ALSB.
* Built a comprehensive PERL script which would call the required Make files and notify the build distribution team in case of Build errors or Completion of the builds.
* Worked in creating Websphere/Weblogic Application Server Clustered Environments and handling Load Balancing for QA, UAT and Production.
* Setup the builds scripts to generate reports for JUNIT Tests results, Cobertura Code Coverage results.
* Installed and configured Subversion server on Linux via the Apache Web Server to provide access over the Http protocol.
* Extensively used Ant, Maven, Perl and Bash Scripts for automating build and release tasks.
* Implemented Shell and Perl scripts for release and build automation. Manipulated and automated scripts to suit requirement.
* Demonstrated experience in the Web and Application server administration with good knowledge of Apache and JBoss Application Platform products.
* Trained developers in the use of Tortoise SVN and Web SVN as GUI clients for Subversion.
* Proficient in deploying and support applications on Websphere, Tomcat, Weblogic application servers
* Demonstrated expertise in installing, configuring JBoss Enterprise Application Platform 5.1 and Apache.
* Maintain and enhance current build procedures for all software development projects
* Created and maintained POM files for building the projects and developing the build scripts.
* Modified build, Junit and reporting plugin in Maven POM Configurations according to project’s need.
* Facilitate the Continuous 'Build Manager's Role for all Software Development projects.
* Documented and published complete migration process of Subversion (SVNadmin dumps) to UCM Clear Case (VOBS).
* Created and configured dynamic/snapshot Clear Case views as per the requirements and writing configuration-spec for views to work with branches and labels.
* Installed Hudson on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Integrated Subversion and Ant with Hudson to implement the continous integration process.
* Created Ant, Perl & UNIX scripts for build activities in QA, Staging and Production environments.
* Worked on the transition project that involved migration activities to Maven 2 from Ant to standardize the build across all the applications.

**Environment**: CVS, Clear Case (SCM, UCM), Apache ANT, XML, Perl Script, bash/Shell scripting, java, Websphere.

**Iflex Solutions, India Aug 2008 - Jul 2010**

**System Engineer**

I-flex Solutions Ltd. Leading Indian Software service provider for financial institutions worldwide with lots In April 2008, i-flex has announced to change its corporate name (company) in Oracle Financial Services Limited. On 15 July 2008 announced i-flex with that the new company will be expanded to include the word software and Oracle Financial Services software Limited is denominated. [On August 26, 2008 renamed i-flex Solutions Limited under the name Oracle Financial Services software Limited.](https://de.wikipedia.org/wiki/Oracle_Financial_Services_Software" \l "cite_note-4)

**Responsibilities:**

* Managed SVN repositories for branching, merging, and tagging.
* Writing Shell scripts for automation of jobs, system monitoring and error reporting.
* Setup and configured network TCP/IP on Linux environment.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.
* Researched and implemented code coverage and unit test plug-ins with Maven/Jenkins.
* Maintained build related scripts developed in ANT, Python and shell.
* Performed User Acceptance Testing (UAT) to all the test scenarios before intimating to the business.
* Worked on the SQL databases in the backend to execute the DMLs and DDLs.
* Performed User Acceptance Testing (UAT) to all the test scenarios before intimating to the business.
* Installed new software releases, system upgrades and resolve software-related problems.

**Environment**: Java/J2EE, ANT, UNIX, Web Sphere, Maven, Linux, Solaris, Python, Windows.