**Shiva**

**Summary:**

* 8 years of IT experience in which includes Solid experience in complicated **build systems, ConfigurationManagement, Change/Release/Build Management**, Support and Maintenance under **Unix/Linux/NT/2000 platforms**.
* Experience in **Software Configuration Management, Build, Release Management** using **CVS**, **VSS**, **TFS**, **Subversion**, **ClearCase**, **RTC**, **ANT**, **Maven**, **CA Harvest**, JIRA, **Perforce** and Clear Quest on **Unix**, **Windows** environment..
* Extensive experience on **Build Automation and Continuous Integration** concepts by using tools like **ANT**, **Maven**, **Cruise** Control and **AnthillPro**.
* Worked on the **Build Automation in TFS 2015/2013/2012/2010/2008** using XAML files Customization, **MSBuild**, TFSBuil.Proj
* Extensive experience in using **Continuous Integration** tools like **TFS Build**, **Cruise Control, and Cruise control.net, AnthillPro, Build Forge, Bamboo, Jenkins and Hudson**.
* Involved in Customization of WorkItems, Transition Matrix in TFS, Clear Quest
* Proficient in Perl Scripting, Visual Build Pro, SQL, Clearmake, build utilities like Openmake, ANT and Cruise Control. Experience as a **Software Configuration Management** (**SCM**) architect for ClearCase **UCM**.
* Maintained and modified triggers for ClearCase using Perl. Experience in writing **Shell** and **Perl scripts** for database connectivity and to retrieve data from different sources.
* Created **SCM Process**, policies and procedures to follow development and SQA team to release or deploy highest quality product for the enterprise.
* Worked on different Build tools like **ANT, NAnt, Maven** and **MS Build.**
* Extensive experience in defining the branching and the merging strategies, creating baselines and releasing the code. Worked with different bug tracking tools like **JIRA, Remedy**, **Clear Quest and**Bugzilla.
* Managed GitHub Projects and migrated from SVN to GitHub with history.
* Experience in Branching, Merging, Tagging and maintaining the version across the environments using SCM tools like Subversion (SVN), GIT (GitHub, GitLab), Rational Clearcase, Harvest and VSS.
* Set up GIT repository for different Projects.
* Extensively worked on Hudson, Jenkins Team City and Bamboo for continuous integration and for End to End automation for all build and deployments
* Participated in DevOps pilot program to test hosted chef implementation to accommodate server provisioning and automate middleware installation activities
* Developed and managed release management processes and procedures including approval checklists insuring software builds and releases meet business requirements, are installed correctly, and execute with quality.
* Established OpenStack project Infrastructure Program and served as tech lead
* Experience in Microsoft Windows Azure Cloud Services
* Setting up JIRA for various projects with regards to accesses
* Extensive experience in defining the branching and the merging strategies, creating baselines and releasing the code.
* Used scripting languages like Python, Ruby, Perl, Bash and configuration management tools Chef, Puppet, and CF Engine and Web Service like AWS
* Setting up Connection Strings and connecting SQL Server AZURE Databases from locally Installed SQL Server Management Studio(SSMS) for Developers.
* Built scripts using ANT and MAVEN build tools in Jenkins, Sonar to deploy J2EE applications to Application servers from one environment to other environments.
* Developed unit and functional tests in Python and Ruby.
* Great Debugging skills in the **.NET** Technologies & components.
* Excellent Knowledge of MS Deploy in Publishing the **.NET Sites & web Services** to different environments.
* Used ANT and Jython Scripts to Automate the Build and Deployment Process to the webservices. Used Servicedeploy command for building the Webservices. Used Maven for few Modules.
* Automated the test scripts using VSTS framework with MTM interface integration and Coded UI
* Designing and implementing for fully automated server build management, monitoring and deployment By Using DevOps Technologies like Chef, Puppet.
* Experience with the planning, controlling and troubleshooting of software releases by .net teams
* Designed and implemented Software configuration management **(SCM)** and change management **(CM)** solution using **TFS, Perforce** and **Jenkins.**
* Created CM Plans and Test Plans for Applications. Experienced in trouble shooting, configuring and deploying enterprise applications in **WebSphere, BEA WebLogic** and **Tomcat** as well.
* Conducted SCM Verifications and Audits to comply with SOX requirements.
* Created triggers for efficient access control of the ClearCase operations, to invoke operations before or after the execution of vital ClearCase events. Troubleshooting of database performance related issues in **MySQL** and Oracle.
* Worked closely with Product Management and Development Team to ensure testing is comprehensive. Expertise in implementation of Automation Tests and Manual Tests. Involved in Requirement Management, Peer reviews, Inter group coordination and Training Programs.
* Worked on change Management tools like Maximo, Remedy.
* Worked with different Bug tracking tools like JIRA, Rally, Remedy, HP Quality Center, Fisheye, Crucible and IBM Clear Quest.
* Provide training to QA team to create test cases using Microsoft Test Manager (MTM) and integrated it with Work Items in TFS 2013

**Education:**

Bachelors of Technology in Computer Science, JNTU, India.

**Technical Skills:**

**Version Control Tool TFS 2008/2010/2012/2013/2015**, UCM/Base ClearCase, VSS, CVS, RCS, PVCS, Perforce

**Build Management** ANT, AnthillPro, Make, GIT,Github,Clearmake, JIRA, Bitbucket,Chef, Maven,visual build

**Continuous Integration** Jenkins/Hudson,OpenStack, BAMBOO, TFS 2010,2012,2013,2015

**Application Servers** IIS, WEBLOGIC, TOMCAT, WEBSPHERE, SAMBA

**SQL Server Tools** Enterprise Manager, SQL Profiler, Query Analyzer, Export & Import, DTS, Replication, BIMS.

**Data warehouse Tools** SSIS, SSRS, Informatica 9.0, Wherescape RED

**Database** MSSQLServer2008R2,2005,2000,7.0,MS-Access97/2000/2003/2007,Teradata 13.10, DB2, Oracle 9i/ 11g

**Operating System** Windows 95/98/NT/2000, UNIX, DOS, Windows Server 2003/2008

**IDE Tools** Microsoft Visual Studio 2003/2005/2010/2012, Visual Basic 6.0, AWS

**Architecture** RDBMS, Client-Server Architecture, OLAP, OLTP

**Change Management tools** Maximo, Remedy

**Languages .**Net, C/C++, C#, Java, J2EE, Ruby, VB Script, Perl, Shell Scripting (CSH, BASH, KSH), SQL, Visual Studio, Python, Jython, MS SQLServer, Puppet, BizTalk Server, Team Foundation Server, Meta storm BPM, Control M, Rational Team Concert.

**Professional Experience:**

**UBS Investment Bank, Chicago, IL Oct 2014 – Till date**

**TFS Admin/Build & Release /SCM Engineer**

* Worked as a TFS Admin.
* Installed **TFS 2015/2013** and setup different TFS user groups for the project team
* Configured TFS 2015/13 Environment along with Share point Services, Reporting Services
* Migrated the Source code from **TFS2013 to TFS 2015**
* Modify source code to reduce build dependencies and increase build efficiencies
* Customized TFS 2013 Work Item Templates and Workflow of the Work Items
* Created and modified the build definitions as per the projects.
* Create multiple groups and set permission polices for**various groups in AWS**
* Experience in creating**life cycle policies in AWS S3 for backups to Glaciers**
* Trained developers to get familiar on **TFS 2015** Work Items, Queue **New Builds**, and Work Spaces with **Visual Studio 2015**.
* Troubleshooting the TFS issues.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and also automated the whole process
* Integrated **Bamboo** and **JIRA** for continuous integration setup.
* Expert in writing scripts using PowerShell, MSBuild, Nant, Apache Ant, VBScript, Perl and Python.
* Troubleshooted build issues, MSBuild and TFS Build.Proj file changes, issues related to TFS application SharePoint, Reports, TFS Permission, Build server etc
* As a member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting.
* Microsoft Test Manager(MTM)
* Developed ANT, MAVEN, Jython, shell scripts to automate the Build and Deployment process of JAVA applications to IBM WebSphere Application Server
* Worked on TFS 2012 Sandbox as well Azure.
* Deployed and maintained Chef role-based application servers, including Apache, Resin and Tomcat.
* Worked on various components of OpenStack and Heat orchestration templates (HOT) on diff project.
* Provided Build Scripts for Database Projects to Deploy DB and populate Test data in DB for various environments
* Responsible for building/deploying consistently repeatable deployments to company production and non-production environments using JENKINS & BUILD Pipelines, ANT, MAVEN, XCODE, Shell.
* Used scripting languages like Python, Ruby, Perl, Bash and configuration management tools Chef, Puppet, and CF Engine and Web Service like AWS.
* Used OData, Azure, SQL server and service oriented architecture
* Managed GitHub Projects and migrated from SVN to GitHub with merge and version.
* Create and maintain OS install automation as well as application installation automation using both packaged tools as well as various Windows scripting languages (PowerShell)
* Worked closely with QA Teams, Business Teams, and DBA team and Product Operations teams to identify QA and UAT cycles release schedule to non-prod and prod environments.
* Good understanding of the DevOps philosophy and contributed Chef Code to automate our systems
* Good Knowledge in bash (shell)/Perl and exposure to Jython, Python scripting
* Manage **AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing** and Glacier
* Consolidate project reports, environment readiness (dev, test and production) and escalation reports and provided comprehensive updates and presentations to stakeholders.
* Subject Matter Expert with Software Build and Release Management methodologies, hands-on experience creating and managing the various development and build platforms, and deployment strategies
* Working experience with the Microsoft products & their Integration to different third party tools, also Used PowerShell scripts for the deployments
* Experience with various components of OpenStack and Heat orchestration templates (HOT).
* Integrating the Third Party Tools with TFS for ALM & Traceability
* Created branching & tagging strategy to maintain the source code in the GIT repository.
* Good experience in Microsoft Products and their deployment PowerShell.
* Onsite-Co-coordinator and off hours support for build related issues during weekend roll schedule.
* Served as a technical consultant with the Responsibilities included the creation of the deployment and testing process for a .NET/java based web application.
* Created Infrastructure report of system configurations using PowerShell Scripts
* Created PowerShell scripts for IIS website creation into various Environments
* Was Involved in Release Management & Environment Co-ordination which Includes Configuration/Build & deployment of various .Net applications.
* Involved in coordinating with the ops team to set up APP Pools for various .NET Apps.
* Troubleshoot the automation of Installing and configuring .NET and C# applications in the test and production environments.
* Provided support for Artifact Management using Puppet and used Nexus yum Plugin to provide yum Integration from Repository Server
* Configured and Installed GIT with TFS as VSTS
* Strong experience creating ANT/ MAVEN with Puppet build script for Deployment
* Set up Branching strategy in GIT with User Level Access
* Responsible of performing build and deployment to UT, IT, UAT and Prod environments.
* Administrator of 50+ production and non-production Windows environments.
* Synchronized off-shore and on-site TFS servers on weekly basis.

**Environment:** Windows 2008 R2/2003 R2 Servers, RDBMS, Dot Net Frame work 3.5/4.0/4.5, C# , MSBuild, GITMSDeploy, rational ClearCase, VB Script, GITHUB,Python, Jython, Chef, Puppet, Ruby, Azure, Bamboo, Maven, Agile, MS SQL Server 2008/2012, Oracle 11g, Bitbucket,MTM, MS SSRS, SSIS, IIS(7.0,7.5), AWS,JIRA,Openstack, Team Foundation Server (TFS 2015/2013 &2010), PowerShell, VS2013/VS2012.

**Herbalife, Winston Salem, NC Aug 2013– Sep 2014**

**Build & Release Engineer/ Devops/TFS Admin**

* Manage build process and document configuration and deployment instructions for Health care reform (HCR) retail project.
* Installed TFS 2010 and setup different TFS user groups for the project team
* Coordinate release process with Engineers to ensure on-time product delivery
* Managed and controlled the source code repository, currently  
  housed in TFS
* Evaluated and lead the conversion to using Team Foundation  
  Server for integrated source control, builds, testing, and deployment and  
  lead upgrades of TFS
* Experience with the planning, controlling and troubleshooting of  
  software releases by .net teams
* Setting up puppet master, puppet agents for managing enterprise policies, configurations
* Created continuous integration system using Ant, Jetbrains, Team City, full automation, Continuous Integration, faster and flawless deployments.
* Knowledge and Experience in working with InstallAnywhere, and other build tools which includes UNIX shell scripting, ANT, Perl scripting, Maven
* Used Jenkins/Cruise Control in conjunction with ANT and MS Build to automate the builds
* Deployed the static content into the web servers like Tomcat, IPlanet, and IBM HTTP Server Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, GitHub, Serena Products, ClearCase, Build Forge, Serena PVCS, CVS, Tomcat, JBoss, LINUX etc.
* Working as administer of Atlasian tool: Wiki, Bamboo, Jira, Glass Fish
* Troubleshoot the automation of Installing and configuring .NET and C#  
  applications in the test and production environments
* Create and manage associated SharePoint sites
* Developed multiple build files for build automation in CruiseControl using Ant, MSBuild.
* Worked with multiple development groups to design/create automated build and deployments using MSBuild, Ant, JACL, VBScript, Nant and PowerShell Scripting
* Recommended Configuration Management best practices and implemented lean strategies build and release best practices using GIT, Jenkins, Maven, Udeploy and enabled application level monitoring for a stale environment.
* Create and manage reporting server and reporting solutions
* Train, mentor and coach end users in all functional areas of TFS
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments
* Involved in migration of Bamboo server, Artifactory& GIT server.
* Maintain automated build system; implement new features or scripts for the build system using XAML.
* Experience in Continuous Integration tools like Jenkins (Hudson) and Bamboo
* Was part of remediation project in upgrading the Application from Windows 2003 to windows 2008, IIS 6.0 to IIS 7.0 & Framework from 2.0 to 4.0, Classic Mode to Integrated Mode.

**Environment:**TFS 2008/2010/2012/2013/2015, Visual Studio 2008/2010, Windows 2008 Servers, SQL Server 2005/2008, IIS, Perl, Python, Puppet, Azure, AWS, Shell, Chef, GIT, Bamboo, Jenkins, Maven, Ant, MSBuild, Hudson, Team City, MS Project, SharePoint 2008/2010

### Travelex, Toronto, MO June 2012 – Aug 2013

**QA/TFS/Build & Devops Engineer**

* Performed software configuration/release management activities for three different Java applications
* Designed and implemented Continues Integration process and tools with approval from development and other affected teams.
* Defined processes to build and deliver software baselines for internal as well as external customers
* Configuring AnthillPro as a common build engine to build and promote applications to DEV, QMG, UAT, PROD, and DR to UNIX environments.
* Continuously talking to AnthillPro consultants for any licensing, technical, and ongoing issues with Anthill Tool, anthill patching, and all sorts of applications related needs.
* Working closely with Web Administrators to setup an automated deployment for SharePoint applications using AnthillPro and SVN Tools.
* Created Team Project Collection from TFS 2008 Admin Console with different Team Projects under it.
* Set up the Security, Roles & Responsibilities for different Groups for Team Projects using TFS 2008 Admin Console
* Integrated Ant and maven with TFS source control to automatically trigger Builds and publish results back to TFS
* Responsible to perform Build operations with ANT Scripts, while implementing the required modifications in the ANT Script to perform build operations, in accordance with requirements of the project.
* Creating metadata types Branch, Label, Trigger and Hyperlink. Supporting developers in creating config-spec. Carried out the Merge process as defined in the usage model in each projects. Ownership of release branch.Implemented Triggers to enforce development policies to invoke operations before or after the execution of Critical ClearCase Operations and Events, using PERL Scripts.
* Designed the Release Plans while coordinating with Stake Holders including Project Management Lead, Development Lead, QA Team Lead and ClearCase Administrator.
* Worked on cross platforms (WINDOWS-NT & LINUX) to gain thorough understanding of the ClearCase functionality in both the Operating Systems.
* Coordinated Change Control Board Meeting to discuss Defects and Enhancements for the project. Generated Reports before the meeting to discuss the nature of defects, so as to reach consensus to resolve the defects before the next Build and Test Operation.
* Built Version Controlled Java code on ClearCase Unified Change Management (UCM) Project Based code streams utilizing Visual Build Pro (VBP) and ANT scripts for VGS’ Partners.

**Environment:**ClearCase, SVN, Shell, VB Script, ANT, Maven, Hudson JIRA.Linux,Windows, Jboss, TFS 2008/2010(Team Foundation Server), .Net, ASP, Subversion, Visual Basic 6.0, Visual SourceSafe 6.0, SQL Server 2005/2008/2012,Clear Case, Linux, Windows, PERL, ANT, Cruise Control

**New Delivery.com Sunrise Systems, NJ March 2011 – May 2012**

**SCM Engineer/TFS Admin**

* Performed software configuration/release management activities.
* TFS Admin with core Knowledge on Deployments activities
* Integrating the Third Party Tools with TFS for ALM & Traceability
* Running the TFS Reports for Build reports, Code Churn, Work items.
* Designed CM processes and policies with approval from development and other affected teams.
* Defined processes to build and deliver software baselines for internal as well as external customers.
* Implemented and maintained the branching and build/release strategies utilizing ClearCase.
* Enforced development policies using ClearCase triggers and other metadata.
* Created branches, performed merges, and labeled baselines in ClearCase.
* Provided assistance to developers in resolving problems.
* Used Credmap, Region Synchronizer and ClearCase Doctor to provide support in interop environment.
* Involved in an effective team organization & coordination using Rational Team Concert. Also involved in integrating task tracking, source control, and agile planning with continuous builds and a configurable process.
* Maintenance of the defect tracking system for the effective generation of audit reports with SQL on the backend.
* Automated Rational ClearCase based release management process including monitoring changes between releases.
* Troubleshooting problems on the day-to-day basis for the developers to move the element on the target path.
* Involved in the Sync-up of the test environment to make the environment in a more Enterprise Level.
* Familiar and experienced with Agile Scrum development.
* Converted old builds using MAKE to ANT and XML. Worked on different Build tools like **ANT, NAnt, Maven, Jenkins** and **MS Build.**
* Worked on the 3 tier infrastructure environment for debugging the codes.
* Provided support for the production deployments by working hand-on-hand with developers and end-users.
* Converted base rational ClearCase VOB’S and VOB directories into UCM components for creation of UCM projects using these components. Converted Baseline labels in Base ClearCase to baselines in UCM projects.
* Involved in the creation of the wrapper scripts using Perl for the automation of the deployment process.
* Facilitated release decision forums and documented decisions as part of change control process.
* Assessed release risks and developed mitigation strategies.
* Provided release updates to the management team and business liaison leads.

**Environment:**UNIX, Windows XP/2003/2000, Shell, Perl, TFS, InstallAnywhere, Oracle 9i/11g, Rational ClearCase 2003.06, ClearQuest 2003.06, Global web services, Websphere, puppet, Rational Team Concert, Jenkins

**iSetu, Govt. of Maharashtra**, **INDIA June 2008 – Feb 2011**

**Build/Configuration Engineer.**

* Primary responsibilities include Build and Deployment of the java applications onto different environments. Responsible to push Java and .Net based builds to Dev, QA and Stage (Pre PROD) environments using Subversion.
* Created build instruction docs and installed (deploy) instruction docs for each application for different environments. Performed WebLogic deploys to various environments and co-ordinate with the Dev and QA team to resolve the issues.
* Assist developers with Subversion issues for builds, patches and deployments. Wrote automated scripts using with Ant for build and deploy process and integrated it with Maven.
* Responsible for running the DB scripts to update databases in the lower environments and give the instructions to DBA for higher environments. Attend all the build and release meetings to get the updates on environmental activities.
* Maintained configuration files for each application for the purpose of build and install on different environments using Serena. Responsible for Daily and Weekly build and deployments for different projects in different environments.
* Responsible for defining the branching and the merging strategies, created baselines and released the code. Creating automated build and deploy process using Anthillpro. Designed and implemented Configuration Management processes and procedures.
* Prepared Migration logs for every release and maintained the data accuracy. Conduct functional and physical configuration audits and participated in change control process. Develop and maintain code versioning, branching and merging.

**Environment**: Rational Clear Case, Clear Quest, AIX 5.3, JAVA, .Net, SQL, Oracle, Cruise Control, Hudson, HP Quality Center, Jenkins