

## **Rakesh Pandala**

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### **Summary:**

Around 8+ years of IT experience in which includes Solid experience in complicated lead **build and release systems, Configuration Management, Release/change/Build Management**, Support and Maintenance under **Unix/Linux/NT/2000 platforms**. Experience in automated builds using TFS team build and cruisecontrol.net build for .net applications and Salesforce. Migrated all projects from various version control tools **VSS, GIT, Clear Case, SVN to RTC**. Participated in RTC release upgrades through recognizing and making process changes and performing FVT. Extensive experience with Version Control Tools like **Rational Clear Case, Rational Team Concert (RTC) and GIT**.

- Experience in **Software Configuration Management, Build, Release train Management** using **CVS, GIT, VSS, TFS, Subversion, Clear Case, RTC, ANT, Maven, CA Harvest, JIRA, Azure, 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 2013/2012/2010/2008** using XAML files Customization, **MSBuild, TFSBuild.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 using Build Automation tools and Continuous Integration(CI) concepts by using tools like **MSBUILD, ANT, Visual Studio, Cruise Control, AnthillPro** and **Maven2**. Experience with Visual Studio Build Professional, **NANT, MSBUILD**.
- Deploying and updating a template and its associated collection of resources (called a stack) by using the AWS Management Console.
- 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 build results in **Jenkins** and deployed using workflows.
- 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.
- 2003/2008/2012/2012 R2 servers using deployment tools like octopus and PowerShell scripts .
- Knowledge on SaaS, PaaS and IaaS concepts of cloud computing architecture. Implementation of AWS (IaaS) and Openstack (SPA) like AngularJS.
- 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.

### **Education:**

**Bachelors of Technology**

## Technical Skills:

<b>Version Control Tool</b>	<b>TFS 2008/2010/2012</b> , UCM/Base ClearCase, VSS, CVS, VSTS RCS, PVCS, Perforce
<b>Build Management</b>	ANT, Anthill, Make, Clearmake, visual build, Continuous Integration Open Stack, Jenkins/Hudson, BAMBOO, TFS, Azure,
<b>Continuous Integration</b>	IIS, WEBLOGIC, TOMCAT, WEBSPPHERE, SAMBA
<b>Application Servers</b>	Enterprise Manager, SQL Profiler, Query Analyzer, Export & Import, DTS, Replication, BIMS.
<b>SQL Server Tools</b>	SSIS, SSRS, Informatica 9.0, Wherescape RED
<b>Data warehouse Tools</b>	MSSQLServer2008R2,2005,2000,7.0,MS-Access97/2000/2003/2007,Teradata
<b>Database</b>	13.10, DB2, Oracle
<b>Operating System</b>	Windows 95/98/NT/2000, UNIX, DOS, Windows Server 2003/2008
<b>IDE Tools</b>	Microsoft Visual Studio 2003/2005/2010/2012, Visual Basic 6.0
<b>Architecture</b>	Relational DBMS, Client-Server Architecture, OLAP, OLTP
<b>Change Management tools</b>	Maximo, Remedy
<b><u>Languages:</u></b>	.Net, C/C++, C#, Java, Ruby, VB, Perl, Shell Scripting (CSH, BASH, KSH), SQL, Visual Studio, MS SQLServer, BizTalk Server, Team Foundation Server, Meta storm BPM, Control M, Puppet, Rational Team Concert.

## Professional Experience:

Herbalife, Winston Salem, NC  
TFS Admin/Lead Devops enginner

Oct 2015 – Till date

- Worked as a TFS Admin.
- Installed **TFS 2013** and setup different TFS user groups for the project team
- Configured TFS 2013 Environment along with Share point Services, Reporting Services
- Migrated the Source code from **TFS2010 to TFS 2013**
- Customized RTC process configurations to achieve customer project management and development needs
- Modify source code to reduce build dependencies and increase build efficiencies
- Performed Web test and load test using TFS, Created web application using **C#**.
- Involved in projects involving C, C++, Java, .NET C# and SQL-Server Knowledge of advanced level programming in C/C++/C# including thread synchronization multithreading, multiprocessing, concurrency and TCP/IP Socket Programming. implemented an internal NuGet server for common and internal libraries.
- we Set up multiple versions of my library that target different versions of the .NET Framework in Nuget Gallery Mastery of build technologies like Hudson, Jenkins, Ivy, Maven, Gradle, NuGet etc,
- Customized TFS 2013 Work Item Templates and Workflow of the Work Items
- Created and modified the build definitions as per the projects.
- Trained developers to get familiar on **TFS 2013** Work Items, Queue **New Builds**, and Work Spaces with **Visual Studio 2013**.
- Troubleshooting the TFS issues.
- Organising projects in VSTS.
- As a member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting.
- Provided Build Scripts for Database Projects to Deploy DB and populate Test data in DB for various environments
- Project using AngularJS framework frontend development
- Deployed web. config files using Octopus tool to applications hosted on Azure.
- Worked with multiple development groups to design/create automated build and deployments using MSBuild, Ant, JACL, VBScript, Nant and PowerShell Scripting.
- 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.
- 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
- Onsite-Co-coordinator and off hours support for build related issues during weekend roll schedule.

**Tools & Platform:** Windows 2008 R2/2003 R2 Servers, **PowerShell**, Dot Net Framework 3.5/4.0/4.5, MSBuild, MSDeploy, MS SQL Server, Oracle, MS SSRS, SSIS, IIS(7.0,7.5), Team Foundation Server (TFS 2013 & TFS 2010), VS2013/VS2012.

**New Delivery.com Sunrise Systems, NJ**

**Oct 2012 – Sep 2015**

#### **Lead Devops Consultant/Build/Release manager**

- Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple different environments (DEV, QA, Training, Production) each constituting different types of servers (DB, App, Web) and different number of servers of each type (for load balancing and such) using TFSBuild, PowerShell, XML and MSBuild, MSDeploy.
- Continuous Integration (CI) and delivered onsite customer training classes on the suite of IBM Rational Software configuration management tools **including Rational Team Concert RTC, Build Forge, ClearCase and ClearQuest**
- d automation of source control applications like Perforce, Subversion (SVN), Git, Artifactory. Experience in NuGet repository and Sonar Qube Created and published Nuget package page Trained developers to get familiar on TFS 2010/2012/2013 Work Items, Queue New Builds, and Work Spaces with Visual Studio 2010 Develop/execution of automated scripts using Microsoft custom .NET framework in Visual Studio VSTS 2015 Setup remote desktop connection for a role in Azure portal and Visual Studio VSTS. Supported different versions of Visual Studio VSTS 2005/2008/2010/2012 .
- Involved in writing Perl and shell scripts for compilation and deployment process.
- As a member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting.
- Setup various Team Projects into different Team Project Collections in TFS 2012 and Configured TFS 2012 Environment along with Share point Services, Reporting Services
- Lead and assisted with the scoping, sequencing, planning, and creating GIT environments
- Performed the administration Windows 2003/2008 R2
- Integrated IBM message broker with Ant scripts to setup repeatable build setup
- Develop and maintain the Linux based shell scripts to automate the server administration tasks like starting, stopping, monitoring tomcat and active mq servers.
- Set up Build forge jobs to automate the deployments onto Linux and windows servers
- Setup Linux based application and automated build process using Sub version, Ant, Maven, Bash Shell script tools
- Setup of Jenkins and porting different kinds of applications into Jenkins w r t SCM, builds and deployments activities / schedules.
- Provided Build Scripts for Database Projects to Deploy DB and populate Test data in DB for various environments
- Responsible for performing both Staging and Production deployments using deployment preparation and setup deployment powershell scripts and via tools which includes like Octopus.
- 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 on Build Scripts using Ant, pom.xml and Makefiles.
- Performed the administration of WebSphere Application Server V7.0 and V8.0.
- Integrated Clear case Plug-in (rcleartool) command line interface in Ant script for complete build automation
- Basic knowledge of AWS and Microsoft Azure

- 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.
- 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
- Onsite-Co-coordinator and off hours support for build related issues during weekend roll schedule.

**Tools & Platform:** Windows 2008 R2/2003 R2 Servers, Dot Net Frame work 2.0/3.0/3.5/4.0/4.5, UNIX & Linux, Ant, Maven, **Azure**, MSBuild, MSDeploy, MS SQL Server, Oracle, MS SSRS, SSIS, IIS(7.0,7.5), ClearCase, ClearQuest, Build Forge, Team Foundation Server (TFS 2010 & TFS 2012), Hudson\ Jenkins, PowerShell.

**STATEFARM, Bloomington, IL**  
**TFS Admin/Sr Devops engineer**

**May 2010 - Sep 2012**

- Primary Lead for **TFS** Administration and R&D Infrastructure support
- Worked as a **TFS** lead administrator and assisted through various projects
- Manage TFS and build infrastructure using System Center tools and Lab Management
- Manage and support the automation of software **builds**
- Designed and implemented Software configuration management **SCM** and change management CM solution using **TFS, Rational ClearCase, Rational Team Concert(RTC), GIT,JIRA, Clear Quest.**
- Support activities and tool solutions associated with multiple disciplines to include: Requirements Management, **System Design, SCM, Test Management**, Defect Management, Release Management and Project and Portfolio Management.
- Setup various Team Projects into different Team Project Collections in **TFS 2010**
- **Migrated TFS Team Projects from TFS 2008 to TFS 2012**
- Consolidated all Team Projects into from **TFS 2008 to TFS 2010 Project Collections.**
- Manage build process and document configuration and deployment instructions
- Installed **TFS 2010** and setup different TFS user groups for the project team
- Configured TFS 2010 Environment along with Share point Services, Reporting Services
- Modify source code to reduce build dependencies and increase build efficiencies
- Customized TFS 2010 Work Item Templates and Workflow of the Work Items
- provided 'Manual', 'Continuous Integration', 'Gated Check-in' and 'Schedule' builds (along with the option to force builds on that schedule even if no changes occurred since the last build)
- Created Builds and deployed builds to different environments based on requests
- Trouble shooting the TFS issues like Code Merging, Access Forbidden issues.
- Performed and **deployed Builds for various Environments like QA, Integration, UAT using Customized XAML files in TFS 2010**
- Trained developers to get familiar on **TFS 2010 Work Items, Queue New Builds, and Work Spaces with Visual Studio 2010.**
- Performed **Software Configuration, Build and Release Management activities for J2EE Development Teams** in Rational ClearCase using Base ClearCase in **LINUX and WINDOWS** Environment.
- 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.
- **VOB Management:** Creating, Mounting/Unmounting. Backing up and Restoring VOB Database in ClearCase. Maintained Integrity of Release Branch. Created/deleted dynamic views for developers as requested by the user. Besides developing an automatic script that creates and deletes the views when the user activates it.
- Knowledge on all the platforms of Microsoft Azure Cloud Technology
- Developed PERL/SHELL scripts to automate the build process.
- **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.**
- Upgraded CA Harvest Perl/SQLPlus automated project build script to be able to run in both a Windows and UNIX environment. I also automated the Harvest Agent installation process.

- Created Subversion Hooks for JIRA integration and enforcing naming conventions. Installed and configured Subversion repositories according to the custom needs of the development team and responsible for providing administration support doing code migration, Harvest user/application support & TFS.
- **Developed .NET application** to audit software assets in the source code repository (Perforce) Developed Perl-based build/release automation scripts Employed Perl to automate current/power measurement testing.
- Conducted pre-sales technical support services for directing sales force of windows Azure applications
- Created scripts for Subversion repository nightly backup operations and scheduled using Cron. Trained new team members to use Subversion and TFS. Started and maintaining the Sub Version repository structure.

**Tools & Platform:** ClearCase, Clearquest, **MSBuild**, JIRA, CA Harvest, Perforce, Java, **SVN + Hooks using Perl**, **.Net**, **C#**, **ANT**, continuum (Apache server), MS Build, Jenkins **TFS**, Confluence, Fisheye, Crucible, ITIL, Bamboo, Mysql, Install Anywhere, Puppet

**iSetu, Govt. of Maharashtra, INDIA**  
**Lead Build/Configuration Engineer.**

**Jan 2009 – April 2010**

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