**Manoj D**

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**Summary:**

* Around 5+ years of IT experience in which includes Solid experience in complicated build systems, Configuration Management, 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..
* Worked on the Build Automation in TFS 2017/2015/2013/2012/2010/2008 using XAML files Customization, MSBuild, TFS Build. Project.
* Extensive experience in using Continuous Integration (CI) tools like TFS Build, Cruise Control, and Cruise control.net, AnthillPro, Build Forge, Bamboo, Jenkins and Hudson.
* Involved in Customization of Work Items, Transition Matrix in TFS, Clear Quest
* Evaluated Mesos/Marathon and Kubernetes for Docker container orchestration
* Configuring, automation and maintaining build and deployment CI/CD (Continuous Integration/Continuous Delivery) and deployment tools Git/GitLab, Jenkins, BuildForge, TeamCity, Docker registry/daemon, Nexus and JIRA
* 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.
* Hands on experience in web based Internet/Intranet application development using .NET Framework, Visual Studio.NET, C#, ADO.Net, ADO, IIS, XML, XQuery, and MS SQL Server.
* Worked with Puppet, Chef, GIT, Jenkins and Octopus to automate build deployment and other change management practices.
* Responsible for performing both Staging and Production deployments using deployment preparation and setup deployment powershell scripts and via tools which includes like Octopus
* Implementation of Release Management automation processes using Team Foundation Server (TFS), Visual Studio Team Services (VSTS).
* Having vast experience in Integrating tools JIRA-RTC, HP ALM-Jenkins, SVN-Code Collaborator, etc.
* Working knowledge and experience with at least one deployment or (IaC) Infrastructure-As-Code automation technology (e.g. Chef, Puppet, Ansible, Terraform, Octopus Deploy, TFS, Electric Cloud, etc.)
* 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.
* Experience in Microsoft Windows Azure Cloud Services
* Extensive experience in defining the branching and the merging strategies, creating baselines and releasing the code.
* Experience in working with OData, Azure cloud services, SQL server and service oriented architecture.
* Used scripting languages like Python, Ruby, Perl, Bash and configuration management tools Chef, Puppet, and CF Engine and Web Service like AWS
* Great Debugging skills in the .NET Technologies & components.
* Excellent Knowledge of MS Deploy in Publishing the .NET Sites & web Services to different environments.
* Experienced in configuration management using Visual Studio Team Services (VSTS), Team Foundation Server (TFS), VSS and Subversion (SVN).
* Conducted pre-sales technical support services for directing sales force of windows Azure applications.
* Involved in provisioning and load balancing Windows and Linux Servers using Microsoft Azure Portal and AWS.
* Excellent understanding of SDLC, Traditional, Agile, RUP and other Methodologies. Expertise Configuration/Release/Build Management on both UNIX and Windows environments using Team Foundation Server 2010/2012/2013/2015/2017(TFS), Rational Clearcase, Subversion, TeamCity.
* Hand-On experience in Implement, Build and Deployment of CI/CD pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production).
* Analysis and design of new project set up traditional and Agile Scrum methodology in RTC.
* Experience in Release Management and Build Automation with TFS 2017/2015, Application Trouble Shooting and IIS.
* Ability to use a wide variety of open source technologies and cloud services such as Jenkins, Kafka.
* Exposure to several of the following infrastructure components: Mongo, Kafka, MySQL.
* Expert in writing scripts using PowerShell, MSBuild, Nant, Apache Ant, VBScript, Perl and Python.
* Designing and implementing for fully automated server build management, monitoring and deployment By Using DevOps Technologies like Chef, Puppet.
* Developed JavaScript functions for client side validations
* Experience with the planning, controlling and troubleshooting of software releases by .net teams
* 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.
* Experience in Build & Release, ALM, TFS, VSTS Administration and Configuration management.
* 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.
* Configuration of build definitions and release pipelines in MS Release Manager via Azure Cloud environments.
* Worked with different Bug tracking tools like JIRA, Rally, Remedy, HP Quality Center.
* Modified the DashBoard for the UrbanCode Deploy for the Traceability of all Release activities.
* Provide training to QA team to create test cases using Microsoft Test Manager (MTM) and integrated it with Work Items in TFS 2013

**Technical Skills:**

**Version Control Tool** TFS 2008/2010/2012/2013/2015/2017, VSTS 2015, RTC, UCM/Base ClearCase, VSS, CVS, RCS, PVCS, Perforce

**Build Management** ANT,AnthillPro,Make,uDeploy,GIT,Github,Clearmake,MSBuild, JIRA,Bitbucket, Chef, Docker, Maven, Ansible, visual build, Octopus

**Continuous Integration** Jenkins/Hudson, Teamcity, BAMBOO

**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

**Scripting** Ruby, VB Script, Perl, Powershell, Shell Scripting (CSH, BASH, KSH), SQL, Python, Jython

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

**Change Management tools** Maximo, Remedy

**Languages .**Net, C/C++, C#, Java, J2EE

**Professional Experience**

**Progressive Insurance, OH Sept 2019 – Till Date**

**Azure DevOps Engineer / Build Engineer**

Responsible for creating the Azure Repos using Git, Azure Pipelines to implement the Continuous Integration (CI) and Continuous Delivery (CD).

* Resolve merge issues/code conflicts, while merging the code from one to another branches.
* Worked on moving applications from on-premise to Azure servers IaaS and PaaS.
* Responsible for creating Azure infrastructure which includes App service, SQL, application insights, alerts using ARM templates.
* Created App service back up filter automation that does the back of all the app services.
* Hands on experience with Azure Key Vault, Application gateways, Traffic manager profile, Azure app service health check, application initialization.
* Adding the New Co-Admin and Managing the Co-Admins for all the Subscriptions in the Windows Azure Platform.
* Worked in DevOps team and was responsible for building infrastructure and s uccessful Application Build deployments for UAT and Production environments (Windows 2016/2012, IIS 7/8, SQL Server 2012, Azure).
* Provided support for Windows Server and IIS related issues to different applications and acted as a point of contact for any deployment related issue in Productions deployments.
* Good Experience in Customization of Build XML (Windows Workflows) in doing the automated deployments.
* Used Azure cloud storages as blob and table storages for storing large amounts of data.
* Managing day to day activity of the cloud environment, supporting development teams with their requirements.
* Responsible for troubleshooting build and deployment issues on azure cloud.
* Upgraded Azure Rm modules to Az modules as per the recommendation from Microsoft and successfully implemented to the deployment scripts.
* Worked on VPN, subnets and assist developers in providing a subnet address for their application gateway.
* Responsible for taking dump and profiler trace for azure app service in case of issues from troubleshooting end point.
* Implemented scale out a built-in feature from Microsoft that helps applications perform their best when demand changes. Instance count can be increased based on custom auto scale policy.
* Implemented health check feature in coordination with Microsoft for applications availability by removing unhealthy instances from the load balancer.
* Resolve merge issues/code conflicts, while merging the code from one to another branches.
* Setting up new applications and environments from scratch and get the app rolled out in production from lower environments and provided server maintenance after that as well.
* Set up CI/CD model from VSTS to Azure App service.
* Set up Deployment groups in VSTS to deploy the applications to Azure.
* Setup and Administration of RTC (Linux and Windows)
* Make REST API changes and Java code modifications for RTC
* Creating and Managing VMs in Microsoft Azure and setting up communication with the help of Endpoints and VM Migrations from Transitional hosts and VMware.
* 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.
* Wrote automation scripts in Python for Extracting Data from JSON and XML files.
* 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.
* Experience on Hudson/Jenkins and Bamboo for continuous integration (CI) and for the end to end Automation for all the builds and deployments.
* 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.
* Created Azure Web Application projects, updated and deployed ASP.NET Web apps, Web Jobs using visual studio VSTS, GitHub and Azure Resource Manager.
* Worked with DevOps practices using, AWS, ElasticSearch, Beanstalk and Docker with Kubernetes
* 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.

Environment: CI/CD, TLS, IaaS, PaaS, Azure DevOps, Azure Git repos, Azure app services, ARM templates, PowerShell, Dynatrace, Splunk, Application Insights, JFrog, Artifactory, Azure Artifacts, VPN, Subnets

 **Viocam, New York Nov 2017 to Jan 2019**

**Azure Devops/Build Release Engineer**

* Created and modified the build definitions as per the projects.
* Administered TFS for .Net applications.
* Troubleshooting the TFS issues.
* Worked in integrating TFS with Visual Studio 2015 & 2013 and Setup remote desktop connection for a role in Azure portal and Visual Studio VSTS.
* Created and deployed VMs on the Microsoft cloud service Azure, managed the virtual networks, Azure AD and SQL.
* Set up the Build scripts for the Process to run the DEV STAGE and PROD through UDeploy
* Design and document CI/CD (Continuous Integration/Continuous Delivery) and deployment tools configuration management.
* Responsible for orchestrating CI/CD ((Continuous Integration/Continuous Delivery) processes by responding to Git triggers, human input, and dependency chains and environment setup.
* Build and Deployment CI/CD Pipelines.
* Implemented CI/CD solutions successfully for various projects using RTC.
* Configured and Monitored CI/CD pipelines using VSTS, and GIT.
* Changed the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes
* Automate infrastructure creation, deployment and recovery using Ansible/Salt, Docker, Terraform & Jenkins
* TFS 2018/2017 Installation and Configuration with IIS, SQL Server 2008 R2 and Windows Share Point Services 3.0.
* Created JSON based Azure Resource Manager (ARM) templates for deployments.
* Configured MSBuild to resolve dependencies and deploy build artifacts through Artifactory.
* A detailed understanding and working knowledge about Git, Jira, Jenkins, Nagios, Splunk, Nginx, Selenium, JUnit, Docker and Kubernetes and Rest API.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using Chef.
* Good experience in Microsoft Products and their deployment including Octopus and PowerShell.
* Configured TFS to run continuous integration (CI) of builds and execute unit test on all check-ins for ASP .NET Web Applications.
* Extensive experience in managing SCM tools with High Availability RTC, BItBucket, Clearcase, and SVN.
* Ample experience in load balancing and monitoring with Nagios and Splunk.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration (CI) environment and also automated the whole process
* Configured TFS to run continuous integration (CI) of builds and execute unit test on all check-ins for ASP .NET Web Applications.
* Extensively worked on Hudson/Jenkins, Build Forge for continuous integration (CI) and for End to End automation for all build and deployments.
* Implementation of Continuous Integration/Delivery CI/CD process and mechanism using RTC, UrbanCode Deploy UDeploy.
* Used scripting languages like Python, Ruby, Perl, Bash and configuration management tools Chef, Puppet, and CF Engine and Web Service like AWS.
* Octopus Deploy is an automated software deployment and release management server.
* Working experience with the Microsoft products & their Integration to different third party tools, also Used PowerShell scripts for the deployments

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

###### **Dish Network**, **Eaglewood, CO** **Jan 2015 – July 2017**

### Build Automation Engineer / Devops Engineer / TFS ADMIN

* Consolidated all Team Projects into from TFS 2008 to TFS 2010 Project Collections.
* Migrated TFS Team Projects from TFS 2013 to TFS 2015.
* Setup various Team Projects into different Team Project Collections in TFS 2015
* Configured TFS 2017/ TFS 2015 Environment along with Share point Services, Reporting Services
* Customized TFS 2017 Work Item Templates and Workflow(Transitions Matrix) of the Work Items
* Performed parallel build for .NET application which will automatically decides which of the projects in the generated build list can be built independently.
* Configured and set up VSTS to implement into Azure.
* Set up deployment agents to deploy from VSTS to Azure.
* Managing TFS/VSTS user accounts and permissions in Azure AD.
* Worked with multiple development groups to design/create automated build and deployments using MSBuild, Ant, JACL, VBScript, Nant and PowerShell Scripting.
* Administration of Clear quest (Windows), responsible for bridge between CQ and RTC
* Created Builds and deployed builds to different environments based on requests
* Provided Build Scripts for Database Projects to Deploy DB and populate Test data in DB for various environments
* Creating, configuring Web site, Application pools, Bindings in IIS for different environments. Troubleshooting any issues related to the deployment.
* Integrated Jenkins with various Build tools to achieve successful implementation of Jenkins CI/CD pipeline.
* Responsible for maintaining MSBuild and PowerShell files for build and automation of .NET and C# applications.
* Evangelism of best practices and tools and Programming/scripting skills using tools like shell scripting, Python, Groovy, PowerShell.
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments.
* Create multiple groups and set permission polices forvarious groups in AWS
* Implemented various infra frameworks/platforms such as kafka.
* Experience in creating life cycle policies in AWS S3 for backups to Glaciers.
* Using Packer, Terraform and Ansible, migrate legacy and monolithic systems to Amazon Web Services.
* Responsible for coordinating teams and scheduling migrations from ClearCase and SVN to RTC
* Trained developers to get familiar on TFS 2015 Work Items, Queue New Builds, and Work Spaces with Visual Studio VSTS 2015.
* Implemented CI/CD using Jenkins. Configured security to Jenkins and added multiple nodes for continuous deployments.
* To identify the configuration of the Software Confidential the given point of time using SCM tools such as SCLM, RTC and Changeman
* Created and Implemented ANT and Maven build scripts for the JAVA applications and NANT and MSBuild for .Net actively worked with application teams to understand current Deploy process.
* Developing Tools using C# for all SCM related activities.
* Defined and Implemented CM and Release Management Processes, Policies and Procedures.
* Analyzed and resolved compilation and deployment errors related to code development, branching, merging, and building of source code.
* Implemented, maintained and supported reliable, timely and reproducible builds for project teams.
* Maintained build related scripts developed in ANT and Maven. Modified build configuration files including build.xml and Pom.xml.
* Worked on DevOps tools like VSTS, Octopus, to automate the deployment process as well as to transform the configurations according to environments.
* Manage configuration of Web App and Deploy to AWS cloud server through Chef.
* Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.
* Configured and maintained Jenkins and Maven for automated build and release.
* Interacted with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
* Created and deployed web interfaces reporting on multi-platform automated builds and test suites (TFS build reporting, SharePoint Server, Cruise Control and IIS).
* Coordinated/assisted developers with establishing and applying appropriate branching, labeling/naming conventions using Subversion source control.
* Coordinated with Release Management regarding appropriate system releases among other development platforms.
* Designed the Release Plans while coordinating with Stake Holders including Project Management Lead, Development Lead, QA Team Lead and ClearCase Administrator.