**Vinod Reddy T**

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 **AZURE Devops Engineer**

 **Experience : 4 years**

**Job Objective**

To acquire the position as DevOps Engineer in a well-established organization where I can utilize and enhance my knowledge in information technology field for increasing the reputation of the Organization.

**Professional Summary**

* Around **4 years** of experience in Microsoft Team Foundation Server (TFS), VSTS and Jenkins.
* Experience on Microsoft Azure IAAS and PAAS.
* Ability to setup, configures, and manage application tier and build servers.
* Administration of version control, Team Build definitions, work items, security.
* Good hands on experience in maintaining repositories and branching strategies using Azurerepos and GIT.
* Strong Business & Application analysis skills with time management, communication and presentation skills.
* Strong team building and mentoring skills with proficiency in grasping new technical concepts quickly.
* Good Experience in build and deployment for .Net applications.
* Good hands on experience in developing Build server monitoring and managing tools like Disk space monitor, Server monitor, Service monitor, Build Drop Deletion tool, Automatic disk clean up.
* Having experience with CI/CD implementation using TFS and VSTS.
* Good experience on Build and Release with VSTS.
* Deploying Development, UAT and Production environment on the go using ARM templates with proper isolation of the environments.
* Experience in **Power Shell** scripting.
* Expertise in Maintaining, troubleshooting deployment and Build issues resolution with Azure Devops, Jenkins.
* Actively Involved in branch creation, resolving the code conflict and merging the branches using GIT.
* Using the **JFrog** repository to store the artifact versions.
* Working experience in Microsoft Azure, ARM template and cloud services like App service, load balancer, storage account, web App, function App, Event Hubs, Service bus, Radis Cache, Key Vault, Scheduler Collection, Application Insight, SQL server, SQL Database, and Shared access policies.
* Experienced in using Azure IAAS and Azure services automation using ARM templates to create different services and infrastructure environments on Azure cloud.
* Automated deployment of builds to DEV/INT and PROD environments using Azure devops,Jenkins & and TFS in both on-premise and public cloud like Azure .
* Good knowledge on creating an azure App services, App service plan resource group, storage account, virtual networking, public IP address using ARM (Azure resource Management) template and azure portal.
* Configuring the DNS and SSL certificates for the Webapps.
* Understanding of Agile Culture (Scrum/Sprints/Iterations) in Agile SDLC.
* Very good understanding of Agile Methodologies.
* Ability to Work Individually as well as with Team
* Working experience on operating systems like Windows, Linux, Unix etc.
* Creating the SQL users for each environment through SQL server management studio and giving the access to users through azure active directory.
* Working with azure Key Vault and Access policies.
* Experience in creating images and containers on **Docker.**

**Education**

* U.G from JNTU Ananthapuramu College of Engineering in 2016. (Scored 68%)

**Professional Experience**

* Working as a Software Engineer in **TCS** from Feb 2017 to Till date

**Technical Skills**

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| --- | --- |
| **SCM Tools** | GIT,Azure Repos |
| **Continuous Integrated Tools** | VSTS(Azure DevOps), TFS |
| **Continuous Deployment Tools** | VSTS(Azure DevOps) |
| **Operating Systems**  | Windows |
| **Scripting Language** | PowerShell scripting, ARM Templates |
| **Bug & Issue Tracking Tools** | JIRA and TFS |
| **Cloud Platform** | PAAS,Microsoft Azure (IAAS) |

**Projects Handled**

**Project #1**

**Project title :** First Niagara Bank, Buffalo NY

**Client : HSBC Technology India**

**Role :** Build and Release Engineer

**Responsibilities:**

* Automating all the Build and Deployment tasks using Power shell.
* Configuring and setting up build environment on Build servers.
* Installing TFS Build service and configuring Build Agents and Controllers.
* Configuring Agent queue, Pool and Agents for vNext Builds.
* Updating the Build Servers with the latest software according to the client requirement.
* Monitoring the availability of Build VMs.
* Providing assistance to the users in understanding the TFS/VSTS Build system.
* Execute Automated Tests using Microsoft Test Manager.
* Reporting of Build Results, Unit Test Code Coverage and Static Code Analysis.
* Troubleshoot issues in build and deployment automation.
* Developing and publishing build/deployment tasks in VSO.
* Migrating projects from on premises TFS to VSTS.
* Regular sync-ups with the clients for service enhancements and gathering new requirements.
* Conducting regular sessions to the clients on VSO and other tools.
* Azure resource Management: Azure VMs, Storage accounts, Blobs, Virtual networks.
* Automating Deployments using TFS and VSTS.
* Deploy website/Web Applications to IIS.
* Managing users on the server.

**Project # 2**

**Project title : HOOQ**

**Role :** DevOps Engineer

 HOOQ is an online movie, TV show video streaming app that is built for the Singapore telecom company called SingTel. The video streaming app is implemented on TV, setup Box and Mobile devices. Also worked on a proof of concept called Bell PVR. This is a tool that is used for video recording on smart devices. User can record any program at any time in 24 hours.

**Responsibilities:**

* Actively involved in administration of source control tools.
* Creating Azure virtual machines as per client requirement.
* Experience in build & distribution approaches in distributed environment.
* Handled software configuration management issues and coordinated with development CI/CD tools implementation.
* Monitor the production environments by performing regular monitoring of Nagios alerts and Setup of Nagios Server/Clients.
* Get in touch with different teams and implementing Continuous Integration.
* Source code management with Git by pushing, pulling, creating repositories, commit and repository pulling through CI tools. Administration and implementation of GIT.
* Using VSTS Configured multiple build jobs.
* Supporting developers by creating repositories, staging profiles, staging repositories, permissions.
* Deploy, configure and manage test runtime environments.
* Coordinating with the Development team to fix the Build related issues.
* Used Jira to track issues and change management.