# Azure DevOps Engineer

**Name: MADHU YEMPULURU**

**Phone: +91-8309471941**

**Email:** **madhuyempuluru0.1997@gmail.com**

**Profile Summary:**

Microsoft Azure DevOps professional offering a distinguished and insightful exposure of around 4.6 years of experience across high-growth environments in cloud & production support, implementation, configuring, monitoring and troubleshooting in Azure cloud. Enthusiastic while working as part of a team or alone and believes in hard-work discipline and perseverance.

**Experience Summary:**

* Having around 4 years of experience in IT.
* Working as **Azure DevOps Engineer** with 4+ Years of experience in CI/CD implementation.
* Working experience in **Git, GitHub, Jenkins, Kubernetes, Docker, VSTS, TFS, ARM Templates, JIRA, Maven, SonarQube, and Tortoise Git.**
* Expertise in **Power Shell** scripting for task automation and to schedule tasks.
* Experience in automating build and deployment, infrastructure and processes for multiple projects.
* Continuous monitoring by creating rules and alerts using Azure Monitor.
* Experience in implementation **Azure load balancer**.
* Proven ability to successfully analyze an Organization cloud migrations, managing both classic & ARM portal, effectively use Power Shell to manage Azure services, troubleshooting access related issues.
* Managed deployment automation using Packer-Docker, **Terraform** to automate system operations and Implemented Infrastructure as Code (IaC) using CloudFormation **templates.**
* Worked on Redirecting the Traffic to different regions using **Traffic Manager** Routing Method based on priority, Performance, weighted and geographic.
* Knowledge on using and maintaining Azure **Key Vault.**
* Providing best suggestions about replication policies **LRS**, **GRS** and **RA-GRS**.
* Experience on Windows Azure (IaaS, PaaS), VSTS (CI CD), **Azure SQL,** MS SQL, **IIS**, **Azure Web Apps**, Cloud services, **Azure Storage**, Traffic manager, PowerShell.
* Ensured application consistent **Backups** and automated daily Snapshots leveraging Automation by creating PowerShell scripts.
* Knowledge on data migration using **Azure Storage Explorer**.
* Knowledge on **branching** and **merging** strategies/Policies.
* Integration of unit test cases in build pipeline.
* Deploying Azure virtual machines and monitoring through **OMS**.
* Knowledge on configuring **Self Hosted Agent** and also **SPN** Service Principle name.
* Having Expertise knowledge in configuring the **Site-to-Site** and **Point-to-Site** VPN connections.
* Managing Virtual disk allocation as per the Client & Application requirement.
* Migrating On-premises VMs to Microsoft Azure Cloud.
* Managing Azure SQL Server creation and Maintenance.
* Good understanding in **Azure networking**, Storage, VM provisioning, RBAC, **NSG**, **Automation**, AZ Copy, **Storage Explorer**, AD, **Application Insights**, **ARM Templates** automation etc.
* Hands on experience on **YAML** code.
* Good presentation, customer support and trouble shooting skills & experience in providing supports.
* Experience in **Azure site recovery** services and Azure Backup and Restoring Deleted VMs.
* Troubleshoot Azure related issues and engage internal teams.

**Technical Skills:**

* **Microsoft Azure: -**
* Cloud Platform : Microsoft Azure, AWS, SAP Clouds
* SCM Tools : GitHub, Gitlab, Bitbucket, Azure Repos, Terraform
* Build Tools : Maven, MS Build.
* CI/CD Tools : Jenkins, VSTS (Azure DevOps), Octopus

Docker, Kubernetes, Visual Studio

* Operating Systems : Windows, Linux, RHEL, Debian
* Databases : SQL, NoSQL, My SQL
* Scripting Language : PowerShell, Bsh, JSON, YAML, ARM Templates.
* Bug & Issue Tracking Tools : ServiceNow and Jira
* Monitoring Tools : Kibana, Splunk, Prometheus

**Certifications:**

**Azure Certifications from Microsoft**

**AZ-900**- Microsoft Azure Fundamentals

**AZ-104**- Microsoft Azure Administrator

**AZ-303&304**- Microsoft Solution Architect Expert

**AZ-400**- Designing and Implementing Azure DevOps

**Professional Experience:**

* Currently Working as **Azure DevOps Engineer** at Key Soft Infotech Solutions Pvt. Ltd from **Sep 2017to Till Date**.

**Education Qualification:**

BCA From VIKRAMA SIMHAPURI UNIVERSITY, NELLORE.

Project -1

**Name : Integral Life Insurance**

**Client : Muang Thai Life (Thailand)**

**Role : Azure DevOps Engineer**

**Duration: Nov-2017 To Aug 2019**

**Roles and Responsibilities:**

* Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple different Environments (DEV, QA, Production).
* Created Build and Release Definition for Continuous Integration and Continuous Deployment.
* VM deployments using portal and PowerShell.
* Create web apps for developers to do development work.
* Creating/Configuring Load balancer and Traffic manager.
* Create storage accounts for dev & QA teams for their application development and testing purpose.
* Writing PowerShell scripts to schedule auto shutdown virtual machines during off business hours.
* Create ARM templates to reuse similar deployment with some standard configurations and naming conventions.
* Adding additional disks to Azure VM upon request/utilization.
* Create PowerShell script to manage multiple subscriptions.
* Scale up and scale down various services like VMs, SQL Servers.
* Creation of Azure VM’s, Azure NIC, Azure Virtual networks, and provide access, users and managing entire Azure infrastructure services.
* Provide read access of Azure subscription to users upon approvals from higher management.
* Preparing the recovery services vault and finalize the azure resources.
* Working with the application Owner for the Data assessment and Getting Approvals.
* Installing the azure VM Agents for integrating the Azure Backup services.
* Enabling and configuring the Backup policy on Virtual Machines.
* Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, Virtual Networks, Azure CDN & Microsoft Operations Management Suite.
* Providing solutions to the Customers based on the requirements/service requests.
* Configuring storage account access, diagnostics & monitoring.
* Installing and configuring IIS and FTP services, creation of FTP sites.
* Performing health checks on server for space and memory management.

**Project- 2**

**Name : Ingram Micro**

**Client : Ingram Micro**

**Role : Build & Release Engineer**

**Duration : Oct 2019 To March 2022**

**Responsibilities Summary:**

* 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 v Next 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/VSO 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.
* Exploring new features in v Next Build/Release.
* Migrating projects from on premises TFS to VSO.
* Regular sync-ups with the clients for service enhancements and gathering new requirements.
* Conducting regular sessions to the clients on VSO and other tools.

**YEMPULURU MADHU**

Hyderabad