**Vamshi Krishna. G**

**Azure DevOps Engineer**

**Email:** **vamshikrishna0520@gmail.com**

**Mobile: +91-9542176260**

# Career Objectives:

Competent and dynamic professional, offering a distinguished and insightful exposure of over 4+ years of experience across high-growth environments in cloud & production support, implementation, configuring, build management, monitoring and troubleshooting Windows, Hardware and implemented Azure cloud.

# Professional Summary:

* Overall **4+** years of IT experience with **Microsoft Azure** Cloud, build and deployment. Proven ability to successfully analyze an organization cloud migration, managing both classic & ARM portal.
* Troubleshooting access related issues, Azure services involving in software design and implementation of various Client Server applications.
* Experience in various Cloud service models, including IaaS, PaaS, and SaaS and supporting deployment models, including Private, Public, and Hybrid cloud.
* Good experience of agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology.
* Configuring and managing Virtual Machines using Windows Azure portal, configuring and monitoring Cloud services.
* Proven experience on create Branching and Tagging concepts in Version Control tool like Azure Devops, GIT.
* Experience in Deployment of Active Directory in a multi-domain, multi-forest environment.
* Having Expertise knowledge in configuring the Site-to-Site and Point-to-Site VPN connections. Experience in PowerShell scripting for automation of technical activities.
* Good exposure in Azure networking, Storage, VM provisioning, Automation, Monitoring, OMS, AZ Copy, AD, Application Insights, Azure Roles, ARM etc.
* Hands on experience on Azure automation by creating Run books and scheduling jobs.
* Proficient in ARM templates, automated few ARM resource creations using ARM templates.
* Configured Azure Virtual Networks (VNets), subnets, Azure network settings, CIDR address blocks, DNS settings, security policies.
* Installing, Configuring and managing of Active directory, DNS, IIS and FILE servers.
* Working experience in GIT, Jenkins, VSTS, TFS, ARM Templates, JIRA.
* Setup Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections).
* Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.
* Extensive experience in PowerShell scripting to automate many services management in Azure.
* Exposure to SDLC Activities like Agile methodology. Hands on Replication services LRS, ZRS and GRS, Good Knowledge in Database like SQL Server, MySQL.
* Implemented high availability with Azure Resource Manager deployment models.
* Experience in Docker Containerization and Kubernetes.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Experience in Blob storage and File storage and Configured PAAS services like App service, App service plan.
* Deploying web pages into azure app services (PaaS) using File server.
* Executing builds and troubleshooting, Interaction with development and QA teams.
* Managed environments DEV, QA, UAT and PROD for various releases and designed instance.
* Handled daily and nightly builds for multiple projects, implementation and configuring of Azure backup.

# Technical Skills:

Cloud Platform : Microsoft Azure

Version Control : Git, GitHub and Azure Repos.

Build Tools : Maven, MS Build.

CI/CD Tools : Azure Devops (VSTS), Jenkins.

Containerization : Docker, Docker Hub, ACR, ACI and Kubernetes (AKS)

Scripting Language : PowerShell, JSON, YAML, ARM Templates.

Configuration Management : Ansible, Terraform

**Experience Summary**:

* Currently Working as **Azure DevOps Engineer** at **HCL Technologies Bangalore**, from Dec 2017 to Till Date.
* Worked as a **Build & Release Engineer** for **Wipro Infotech** from June 2016 to Dec 2017.

## Education:

Master of Computer Applications (MCA) from Kakatiya University Warangal.

**Project#1**

**Client: AIA NY Dec 2017 to till date**

**Project: AIA CI/CD/CT**

**Azure Cloud & DevOps Engineer**

**Roles and Responsibilities:**

* Involved in the process of hosting/deploying the entire application in to Microsoft Azure Cloud.
* Working with Microsoft Azure Cloud Services and deploying the servers through Azure Resource Manager Templates or Azure Portal.
* VM deployments using portal and PowerShell.
* Responsible for creating Network Security Groups and add inbound rules.
* Write PowerShell and schedule to shutdown virtual machines during off business hours
* Create storage accounts for dev& QA teams for their application development and testing purpose
* Create ARM templates to reuse similar deployment with some standard configurations and naming conventions
* Evaluation Azure VMSS to auto scale up and scale down Azure VM workloads
* Create PowerShell script to manage multiple subscriptions in Classic portal using publish settings file.
* Adding addition disks to Azure VM upon receiving request
* Scale up and scale down various services like VMs, SQL Servers (DTUs).
* Creation of Azure NIC, Azure Virtual networks, Azure VM’s and provide access users
* Managing entire Azure infrastructure services
* Worked on Azure services involving in software design and implementation of various Client Server applications with MS-SQL Server, Microsoft Azure, My Sql, Java Script, XML, JSON etc.
* Create web apps for developers to do development work.
* Used ARM templates and YAML to automate CI/CD pipelines.
* Configured Sonar Cloud and Selenium for code quality and continuous testing.
* Update files with infrastructure details like Sql connection string, storage account details etc.
* Working with the application Owner for the Data assessment and Getting Approvals.
* Performing the cutover activities and post migrations step.
* Performing Failover, the application to azure.
* Assist customers with Azure and GitHub templates, ASM to ARM migrations and on premise to Cloud Migrations.
* Capturing the failover VM & Deploying the New VM with an azure image, Adding Virtual machines to the active domain.
* Creating run books and Assessment sheets.
* Installing the azure VM Agents for integrating the Azure Backup services.
* Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, Azure Active Directory, Virtual Networks, and Azure CDN & Microsoft Operations Management Suite (OMS).
* Providing solutions to the Customers based on the requirements/service requests.
* Installing, upgrading, configuring, troubleshooting Windows Servers.
* Configuring storage account access, diagnostics & monitoring.
* Installing and configuring IIS and FTP services, creation of FTP sites.
* Managed Docker containerization using Kubernetes.
* Monitoring the Azure resources using Azure Monitor and App Insights for Web Apps.

**Client: Ericsson, Sweden**

**Project: Information and communication technologies (ICT) June 2016 to Dec 2017**

**Build & Release Engineer**

**Roles and 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 vNextbuilds.
* 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 vNext 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.