**Ram Gopal M**

**Azure/DevOps Consultant**

**Phone: 7306090487**

**Email: [Ramazdevops8@gmail.com](mailto:Ramazdevops8@gmail.com)**

**Summary:**

To obtain the position of an Azure DevOps engineer in an organization where I can utilize my professional skills and experience towards the growth of the organization.

# PROFESSIONAL SUMMARY:

* Around **4+** years of IT experience with **3+ years** of **Microsoft Azure** Cloud Engineer experience in **IAAS, SAAS** and **PAAS** services.
* 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, Azure services involving in software design and implementation of various Client Server applications.
* Experience in Deployment of Active Directory in a multi-domain, multi-forest environment.
* Having Expertise knowledge in configuring the peering and Point-to-Site VPN connections.
* Created the custom ARM templates for creation of azure resources as per project requirement.
* Worked on JIRA tool for user story creation and bug tracking.
* Working 24/7 shifts to resolve priority issues on time.
* Worked on windows manual patching to patch the VM’s.
* Hands experience on Azure automation by creating Run books and scheduling jobs.
* Configured Azure Virtual Networks (**VNets**), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies.
* Good knowledge in **ARM** templates, automated few ARM resource creations using ARM templates.
* Experience in **Power Shell** scripting for automation of technical activities.
* Copying files to one storage account to another storage account using **power shell** scripts
* Written **Power shell** scripts for automation process to register your apps in AAD and worked on elastic agent job schedule process.
* Configuring and managing Virtual Machines using Windows Azure portal.
* Configuring and monitoring Cloud services.
* Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External **Load Balancer.**
* Extensive experience in Power Shell scripting to automate many services management in Azure.
* Installation and administration of Windows Servers 2012.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal **Load Balancer.**
* Work on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage (**Blobs, Tables, Queues**).
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Managing and monitoring Azure virtual machines.
* Good understanding in Azure Backup and Restoring Deleted VMs.
* Managed complete project cycle right from requirement analysis to system study, build and release management, deployment, coding, testing, de-bugging, documentation and implementation.
* Working experience in **Git, Jenkins, VSTS, TFS, ARM Templates, JIRA**.
* Installing, Configuring and managing of **Active directory**, DNS, and FILE servers.
* Implemented high availability with Azure Resource Manager deployment models.
* Exposure to **SDLC** Activities like **Agile** methodology. Hands on Replication services **LRS, ZRS and GRS**. Good Knowledge in Database like **SQL Server, MySQL**.
* Deploying webpages into azure app services (PaaS) using File server.
* Handled daily and nightly builds for multiple projects. Implementation and configuring of Azure backup.
* Adding, removing, or updating user account information, resetting passwords.
* Executing builds and troubleshooting, Interaction with development and QA teams.
* Managed environments **DEV, QA, UAT** and **PROD** for various releases and designed instance.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Cloud Platforms** | Microsoft Azure |
| **Tools** | Azure Storage Explorer, AZ Copy, Visual Studio, Azure Automation, Azure active directory, Application Insights, VSTS, Azure OMS, GitHub, Notification Hub , ARM Templates, Azure Storage, backup and recovery tools. |
| **DevOps Tools** | Git, Jenkins, Jira, Azuredevops, Kubernetes, Docker, Terraform, |
| **Scripting Languages** | Power Shell |
| **Database** | SQL Server, My SQL |

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## EDUCATIONAL QUALIFICATION:

## Bachelor of Technology from Princeton College of Engineering and Technology Affiliated to JNTU Hyderabad.-

## PROFESSIONAL EXPERIENCE:

* Working as an Azure Cloud DevOPS Engineer with **Zensar Technologies** from **Feb 2017 to Present**.

**PROJECT 1:**

**Client : AIA Group**

**Role :** Azure /DevOps Engineer

Tools : Azure, AzureDevops (VSTS)

**Job Summary:**

AIA Singapore is a subsidiary of AIA Group Limited, a leader in life insurance and financial services with branches and subsidiaries across 18 Asia-Pacific markets. Working as a DevOPS Engineer for Implementing Devops practices using tools like Octopus, SonarQube and PowerShell. Managing and Implementing different azure services like IAAS & PAAS.

**RESPONSIBILITIES:**

* Hands-on experience in VM deployments using portal and **Power Shell**.
* Responsible for creating Network Security Groups and add inbound rules for various ports like RDP, PS remoting, Custom ports to allow access only from private network address prefix to provide utmost security.
* Write **Power She**ll and schedule to shutdown virtual machines during off business hours.
* Create storage accounts for dev & QA teams for their application development and testing purpose.
* Migration of Azure Vms from Classic portal to ARM portal and Migration of **IAAS** services like virtual network, network interface etc.
* Adding addition disks to Azure VM upon receiving request.
* Scale up and scale down various services like VMs, SQL Servers (DTUs).
* Managing entire Azure infrastructure services.
* Create web apps for developers to do development work.
* Update files with infrastructure details like Sql connection string, storage account details etc.
* Create **ARM** templates to reuse similar deployment with some standard configurations and naming conventions.
* Evaluation **Azure VM** to auto scale up and scale down Azure vm workloads.
* Create **Power Shell** script to manage multiple subscriptions in Classic portal using publish settings file.
* Create users in Azure AD from Portal as well as form **Power Shell** and Migration of on-premises vms (Hyper-V & VMware) to Azure.
* Working with the application Owner for the Data assessment and Getting Approvals.
* Creating and working on the Change Request approval from the Stakeholders.
* Performing the cutover activities and post migrations step.
* Performing Failover, the application to azure and Assist customers with **Azure** and **GitHub** templates.
* ASM to ARM migrations and on premise to Cloud Migrations and Performing Sys-prep activity on the azure resource.
* Capturing the failover VM & Deploying the New VM with an azure image.
* Adding Virtual machines to the active domain and Creating run books and Assessment sheets.
* Provide read access of Azure subscription to users upon approvals from higher management.
* Preparing the recovery services vault and finalize the azure resources and Migration Using ASR services, Greenfield Migration.
* Installing the azure VM Agents for integrating the Azure Backup services.
* Working on Respective Tags to the New Resources Created during the Cutover Tasks.
* Enabling and configuring the Backup policy on Virtual Machines.
* 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.

Performing health checks on server for space and memory management, antivirus updates.

**PROJECT 2:**

**Title : PepsiCo**

**Role : DevOPS Engineer**

**Environment:** Microsoft Windows Azure, Azure DevOps (VSTS)

**Responsibilities:**

* Involved in VM deployments using **Azure** **Portal**, **ARM** Templates and **PowerShell** commands.
* Involved in automation deployments using **PowerShell** scripts.
* Pull the changes from the **GIT** **Hub**.
* Created the branches and labels and apply the tags to the Branches.
* Creating New **VSTS** instance, new projects/repo and integrated builds and release using **VSTS** CI/CD Pipelines based on the customer requirements.
* Migration of Azure **VM’s** from Classic portal to **ARM** portal and Migration of **IAAS** services like virtual network, network interface etc.
* Performing health checks on server for space and memory management, antivirus updates.
* Scale up and scale down various services like **VMs**, **SQL** **Servers** (DTUs).
* Building and deploying internal applications.
* Working on Respective Tags to the New Resources Created during the Tasks.
* Configuring storage account access, diagnostics & monitoring.
* Installing, upgrading, configuring, troubleshooting Windows Servers.
* Monitoring the process and daily reports on performance of process.
* Schedule Task Job Scheduling and Monitoring.
* Propagating the changes from one branch to another Branch.
* Perform cleanup of logs and monitoring them.
* Setting up Development and Release Pipelines in **Azure** **DevOps**.
* Removing binaries and build tools from repository and creating Nuggets.
* Enabling and configuring the Backup policy on **Virtual** **Machines**.
* Created **ARM** templates to reuse similar deployment with some standard configurations and naming convention.
* Monitoring the availability of different Network devices and Servers and also performing the health check for the devices.

**PROJECT 3**:

**Client : Johnson Controls.**

**Roles : System Admin**

**Roles and Responsibilities:**

* Proficient with network hardware such as hubs, routers, servers and cabling.
* Strong knowledge of support desk software and ticket tracking systems.
* Excellent communicator, capable of explaining complex technical issues quickly and easily, ensuring timely resolution of problems.
* Install, configure and maintain software applications, operating systems, administration and network monitoring.
* Diagnose and repair internet service. LAN networks, wireless and email failures.
* Manage migrations of major business applications.
* Oversee backup and recovery of critical data.
* Configure new and existing network systems and hardware.
* Training staff members on productivity software and proprietary applications.
* Set up administrative passwords and directory permissions
* Install and maintain anti-virus, firewall and security.
* Trained and certified in technical support and networking.