**NIKITHA ALA**

Contact: 7981484960 | Mail: nikhitha.ala987@gmail.com

**Azure Consultant& Azure DevOps CI/CD**

**Total Experience: 5Years 6 months**

Aspiring for assignments with a frontline organisation. Leveraged entrepreneurial ability and skills in translating corporate vision, to overcome complex business challenges and deliver on high-impact technical decisions. Adept in grasping the big picture, conceptualising, developing, implementing solutions & partnering closely with Business Leaders & Technical Teams.

**PROFESSIONAL BRIEF**

* Having 5.6 years of experience involved in capacity planning, installation, configuration, trouble shooting, deployments automation, support & maintenance of mission critical application networks primarily hosted on On-Prem, Microsoft Azure, Continuous Integration and Delivery, Continuous monitoring, and Test management, Terraform and Azure IAAS.

**Terraform**

* Implemented Infrastructure as code for Azure using Terraform.
* Created Terraform modules for Azure components like RG, VNET, VM, Webapp, Appserviceplan, NSG and storage accounts.
* Built Azure DevOps pipelines to create Azure infrastructure from Azure repos containing terraform code.

**AzureDevOps**

* Created build Pipelines for creating Azure resources.
* Hands on Experience in creation projects, Pipelines and Releases in Azure DevOps.
* Good knowledge in CI, CD.
* Trouble shooting pipeline issues.

**AZURE**

* Experience in Azure IAAS/PAAS environment (VMS/Storage/Virtual Networks/Webapps).
* Onboarding applications to Azure.
* Experience on creating, deploying, configuring, maintaining, troubleshooting, and scaling applications on Azure IAAS/PAAS.
* Experience on Traffic manager and Load balancer.
* Creating the Virtual Network, Network Security Groups, Subnets etc.
* Configuring alerts for all VMS/Appserviceplans/Database pools.
* Created user accounts, modified, and deleted according to the environment using user administration in Active Directory.
* Configuring Backup in Azure and performing Backups of VM on regular basis.
* Hands on Experience on creating the Resource groups, VM’s, VNet, storage account.
* Good Experience on Azure SQL DB performance.
* Verifying the backup taken on daily basis and providing 24x7 on-call supports.
* Experience in trouble shooting on VM down issues and restoring back.
* Good Understanding on Azure PaaS services such as Azure App Service.
* Knowledge on CDN, Performing CDN invalidations.
* Configuring Backup for Webapps in Azure
* Configuring Application gateway for Webapps
* Installing the web apps from Web App Marketplace.
* Experienced on Azure Runbooks
* Good Experience in ticketing tools like IQM, SNOW.

**CERTIFICATION / TRAININGS / ACADEMIA**

* **B. Tech (CSE) from RGMCET NANDYAL, in 2016.**
* **Intermediate (MPC) from Sri ChaitanyaJunior College, Anantapur in 2012.**
* **10th SSC from Montessori school, Anantapur in 2010.**

**CORE COMPETENCIES**

**TECHNOLOGIES/TOOLS:**

|  |  |
| --- | --- |
| **SCM Tools** | GIT, GIT Hub, Azure Repos |
| **Continuous Integrated Tools** | VSTS(Azure DevOps), Visual Studio |
| **Continuous Deployment Tools** | VSTS(Azure DevOps), Azure DevOps pipelines |
| **Operating Systems** | Windows, Linux |
| **Scripting Language** | PowerShell, Terraform |
| **Bug & Issue Tracking Tools** | Azure Boards |
| **Cloud Platform** | Microsoft Azure (IAAS, PAAS & SAAS) |

**Professional Experience**

**Company:Cognizant, Hyderabad**

Client : Dr Lal PathLabs

Role : Infra Dev Specialist

Duration : December 2021 to Present

**Roles & Responsibilities:**

* Experience in Azure IAAS environment (VMS/Storage/Virtual Networks).
* Design and Deploy infrastructure in Azure.
* Scaling up and down the instances when it is required
* Configure and manage Network Security Groups (NSG).
* Experienced monthly Patching activities and validating of Virtual Machine in Azure.
* Backup, Configure and Restore Azure Virtual Machine using Azure Backup.
* Configure and Manage Application Gateway, External & Internal Load Balancer
* Configure Site to Site and Point to Site VPN Connectivity.
* Configure Continuous Integration from source control, setting up build definition within Visual Studio Team Services (VSTS) and configure continuous delivery to automate the deployment of ASP.NET MVC applications to Azure web apps.
* Worked with Terraform Templates to automate the Azure IAAS virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Implemented Infrastructure as code for Azure using Terraform.
* Created Terraform modules for Azure components like RG, VNET, VM, Webapp, Appserviceplan, NSG and storage accounts.
* Built Azure DevOps (VSTS) pipelines to create Azure infrastructure from Azure repos containing terraform code.

**Company:Infosys, Hyderabad**

Client : Microsoft (Microsoft Dynamics 365)

Role : Azure Consultant

Duration : October 2018 to November 2021

**Roles & Responsibilities:**

* Experience in Azure IAAS environment (VMS/Storage/Virtual Networks).
* Worked on migration of on premises servers to Azure IAAS environment.
* Design and Deploy infrastructure in Azure.
* Front-end communication with Clients for Onboarding their new projects/deliverables.
* Adding the DISKS and Extending the Disk size according to the user requests.
* Monitoring Azure SQL DB DTU and upgrade the DB tier as per requirement.
* Scaling up and down the instances when it is required.
* Refresh Azure Database from UAT to Production and Production to UAT and Restore Database from Backup.
* Configure and manage Network Security Groups (NSG).
* Create and Manage Custom Roles using Role-Based Access Control (RBAC).
* Experienced monthly Patching activities and validating of Virtual Machine in Azure.
* Configure and Manage Azure Site Recovery both in ASM and in ARM.
* Backup, Configure and Restore Azure Virtual Machine using Azure Backup.
* Configure and Manage Application Gateway, External & Internal Load Balancer
* Configure Site to Site and Point to Site VPN Connectivity.
* Monitoring the tickets and handling the tickets as per policy.
* Configure Continuous Integration from source control, setting up build definition within Visual Studio Team Services (VSTS) and configure continuous delivery to automate the deployment of ASP.NET MVC applications to Azure web apps.
* Worked with Terraform Templates to automate the Azure IAAS virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Managed Azure Infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses, Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Azure Portal.
* Written Templates for Azure Infrastructure as code using Terraform to build staging and production environments. Integrated Azure Log Analytics with Azure VMs for monitoring the log files, store them and track metrics and used Terraform as a tool.
* Implemented Infrastructure as code for Azure using Terraform.
* Created Terraform modules for Azure components like RG, VNET, VM, Webapp, Appserviceplan, NSG and storage accounts.
* Built Azure DevOps (VSTS) pipelines to create Azure infrastructure from Azure repos containing terraform code.

**Company: Tech Mahindra**

Client : Countdown Retailer

Role : Azure and SQL Admin

Duration : August 2016 to October 2018

**Roles & Responsibilities:**

* Worked on Microsoft Azure Cloud to provide IaaS support to client. Create Virtual Machines through Power Shell Script and Azure Portal.
* Deploying VM's, Storage, Network and Availability sets.
* Experienced monthly Patching activities and validating of Virtual Machine in Azure.
* Created Network Security groups (NSG) for the Virtual Machines and added inbound outbound points.
* Implementing and managing Azure storage accounts, backup, and recovery solutions.
* Creating, managing, and scheduling Azure Runbooks.
* Database installation and administration of MS SQL Server 2012 and 2014, 2016.
* Checking the database data files and log files is located specific drive and observe the available free space.
* Checking Alerts and resolve issues to take appropriate action as need.
* Configuration and Troubleshooting Log Shipping and Replication issues.
* Performing the Failover and Failback operations in the cluster environment and adding the new Disks and troubleshooting activities
* Managing Database security by Creating Users, logins and by assigning Roles and permissions
* Checking Fragmentation and Resolving Fragmentation issues.
* Involved in trouble shooting and fine-tuning of databases for its performance and concurrency.
* Optimized the indexes, adding, deleting, and modifying them when necessary for better performance.
* Designing a data restoration Strategies depending upon the business needs (Full, Simple and Bulk Logged Models)
* Performing Database backups & recovering the databases from backups in disaster.
* Rebuilding and Reorganizing the Indexes on weekly basis for better Performance, based on the fragmentation strategy and statistics updates.
* Identify blocking issues, deadlocks issues and slow running queries.
* Import/Export database objects from one location to another location.
* Monitoring memory pressure and CPU utilization and IO utilization.
* Provided 24 X 7 dedicated supports for SQL Server production server.

**PERSONAL INFORMATION**

**Strengths:**

* Excellent Client interaction skills.
* Hardworking
* Positive attitude
* Flexible and Assertive
* Decision making

**Declaration**

I hereby, solemnly declare that all the details mentioned above are true and correct to the best of my knowledge and belief and promise to present the testimonials whenever required.

Place: Hyderabad

Date: May 16, 2022 Nikitha Ala