D V USHA KIRAN

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Career Objective:

Obsessed Cloud Enthusiast with an impressive Microsoft Azure home lab. Total 5+ years of experience and dedicated IT Support professional with 3+ years of experience providing unforgettable experiences to clients while maintaining an addiction to learning Cloud technologies. Plagued with the overwhelming urge to tinker, figure things out, and build enterprise-level Azure infrastructures.

Summary:

- Having 3+years of experience Microsoft azure cloud.
- Having 2+ years of experience in System and Networking Administrator.
- Good experience with Microsoft Azure. (Azure Network & IAAS, PAAS).
- Strong knowledge of software configuration management systems.
- Working Experience with App-service
- Integrating with virtual network within the Azure
- Creating the deployment slots whenever the production based public endpoint application is in trouble and swap the code based on requirement needs
- Good knowledge with Azure Admin services (virtual machine creation, Subnet, load balancer, NSGS, Vnet peering, Azure Administration).
- Experience on Monitoring the Vms.
- Familiar with networking and security concepts (Vnet, Subnet, NSG, Load balancer etc.)
- Very good experience with Azure Storage.
- Working experience with Azure App Service (Azure Webapps and Function Apps).
- Have working knowledge on IIS Applications hosting Technical Experience.
- As a Support engineer I am responsible for providing technical support on various Azure Services(IAAS) to enterprise customers of Microsoft.
- Provision of Virtual machine based on user requirements and managing respecting to the business needs.
- Knowledge about replication policy like LRS, ZRS, GRS and GZRS.
- Worked on NSG and IP whitelisting and Private endpoint whitelisting.
- ASR configuration and load balancer creation and add the backend pools.
- NSG troubleshooting for VM communications.
- Creation of storage account and their containers according to the requirement.
- Working on backup activities based on business needs.
- Collecting patches that are available for VM's and updating patches on scheduled time period. Schedule Vms start/stop time basic.
- Able to configure the DNS server & map the domain name to the Ip address by using c-name record set within the azure i.e. Private DNS zone.
- Well-Known in DNS record types.
- Build scalable and reusable scripts to deploy infrastructure for applications according to approved architecture and standards.

SKILLS:

Primary skills:

- Windows
- Azure

Technical Skills :

- ❖ Cloud   **:** Microsoft Azure Cloud .
- ❖ Operating System   **:** Windows XP/7/8/10/11.
- ❖ Ticketing tools   : Service Now.
- ❖ Scripting   : Powershell.
- ❖ Operating System   : Linux Flavors, Windows Server Family.
- ❖ Cloud Platform   : Microsoft Azure (Azure Network, IAAS and PAAS).
- ❖ Version Control   : Github.

Educational Details:

- I have Completed B.tech in JNTU-University, Anantapur.

Professional Experience:

- Working as Azure Cloud Engineer in **RADIIUSCARD SOLUTIONS PRIVATE LIMITED** from Jan 2021 to till date.

Experience:

PROJECT#3:

Role	Azure Cloud Admin
Company	**RADIIUSCARD SOLUTIONS PVT LTD**
Project	Slyvamo
Duration	November 2023 to present
Level	L2 Support
OS	Windows

RESPONSISBILITIES:

- Creating & managing Compute, networking, and storage concepts on Microsoft Azure based on Client
- requirements
- Configuring Microsoft Azure virtual machines, storage accounts, resource groups
- Handling day to day service deployments on Azure Infrastructure
- Deployments of Azure Virtual Machines as per the Client requirements
- Experience in Administration & taking back up of Azure VM's and taking file level & folder level backups
- Configuring the Backup policies as per the requirement
- Experience in restoring the backup as per the request

- Worked on Azure Active directory, Adding Users, and group under Multi-factor Authentications password reset
- Understanding on Azure Storage Explorer
- Attaching new disk to VM's. Resizing the VM
- Monitoring the Health Status of the VM's in Azure
- Configuring Load Balancer, Application Gateway and creating, managing availability sets, auto scaling as per requirements
- Proficient in configuring and managing load balancers to distribute incoming network traffic across multiple servers, ensuring optimal performance and reliability.
- Experienced in implementing high availability solutions by redirecting traffic to healthy servers and maintaining continuous service.
- Skilled in scalability techniques, including horizontal scaling and adding more servers to handle increased traffic.
- Knowledgeable in maintaining session persistence to ensure seamless user experiences across multiple requests.
- Adept at health monitoring of server infrastructure, ensuring only healthy servers receive traffic.
- Capable of offloading SSL termination tasks from servers, enhancing security and performance.
- Familiar with various types of load balancers including hardware, **software**, and cloud load balancers.
- Experienced with Application Load Balancers (Layer 7) and Network Load Balancers (Layer 4**)**, making routing decisions based on different criteria.

PROJECT#2:

Role	Azure Cloud Admin
Company	**RADIIUSCARD SOLUTIONS PVT LTD**
Project	Aditya Birla
Duration	July 2022 to October 2023
Level	L2 Support
OS	Windows

RESPONSISBILITIES:

- Provide scalable and durable cloud storage solutions for a variety of data objects, including blobs, files
- Ensured high data durability through locally redundant storage (LRS), zone-redundant storage (ZRS), geo-redundant storage (GRS), and read-access geo-redundant storage (RA-GRS)
- Supported encryption at rest and in transit, and integrated storage accounts with Azure Active Directory (Azure AD) for secure access
- Utilized different performance tiers (Hot, Cool, Archive) to optimize storage costs based on access patterns and data usage
- Provided fine-grained access control through shared access signatures (SAS), role-based access control (RBAC), and access keys
- Provided fully managed file shares in the cloud accessible via SMB and NFS protocols.
- Optimized for storing blob data, offering access tiers for cost optimization.
- Optimized for Azure File shares and implemented storage solutions for backup data and restore needs.
- Served images, videos, and other content directly to users.
- Ensured business continuity with geographically replicated data.
- Stored infrequently accessed data at lower costs using Cool and Archive access tiers.

- Creating and managing data backups
- Maintaining and implementing storage solutions
- Thorough knowledge of networking tasks along with expertise in Azure networking stack
- Creating file storage and Implement storage and maintain it
- Excellent problem-solving skills and Maintain Azure Resources
- Deployment resources and Implement Load Balancer and manage virtual networking Creating & managing Compute, Networking and storage concepts on Microsoft Azure

PROJECT#1:

Role	Azure Cloud Admin
Company	**RADIIUSCARD SOLUTIONS PVT LTD**
Project	Aditya Birla
Duration	July 2022 to October 2023
Level	L2 Support
OS	Windows

RESPONSISBILITIES:

- Creating VMSS, Av-set, Av zones and Image capture, Adding the Custom Images to the VMs
- Familiar with networking and security concepts (VNet, Subnet, NSG, Load balance)
- Developed and deployed scalable web applications using Azure App Service, ensuring high availability and performance.
- Implemented CI/CD pipelines with tools like GitHub for automated deployment and version control.
- Configured custom domains and SSL certificates, enhancing security and user trust.
- Utilized built-in monitoring and diagnostics **tools** to track application performance and troubleshoot issues.
- Leveraged scaling capabilities to handle varying levels of traffic, both vertically (resizing VMs) and horizontally (adding instances).
- Integrated authentication and authorization **features** for secure access, utilizing Azure Active Directory and other identity providers.
- Created and managed Web-Jobs for running background tasks and scheduled jobs efficiently.
- Configured and optimized service plans ranging from Free and Shared to Isolated, based on application requirements and performance needs.
- Very good experience with Azure Storage
- Working experience with Azure App Service (Azure Web Apps and Function Apps)
- Having knowledge on IIS application hosting Technical Experience
- Provision of Virtual machine based on user requirements and managing respecting to the business needs
- Knowledge about replication policy like LRS, ZRS, GRS and RA-GRS
- Worked on NSG and IP whitelisting and Private endpoint whitelisting
- ASR configuration and load balancer creation and add the backend pools
- NSG troubleshooting for VM communications
- Script writing for default NSG rule for newly created VMs
- Working on backup activities based on business needs

Personal details:

Name   :   D V Usha Kiran
Father Name :   D R Veera Bhadra
Address   :   27 8 36 water tank road, Mudireddipalli, Hindupur, A.P.
Nationality   :   Indian

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge

Date:
Place: D V Usha Kiran