**SREEKAR YAMANA**

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**CAREER OBJECTIVE:**

Seeking a position to utilize my skills and abilities in the information Technology industry that offers professional growth while being resourceful, innovative and flexible.

**PROFESSIONAL SUMMARY:**

I have accumulated 4+ years of extensive experience in the Information Technology sector, specializing in various aspects of **cloud computing, production support, Infrastructure management.**

**Cloud Infrastructure Management**

* **Azure Installation and Configuration:** Expertly handled the installation and configuration of Azure environments, ensuring a seamless setup of cloud resources.
* **Azure Subscription Management:** Efficiently managed Azure subscriptions, resource groups, and backup processes for virtual machines (VMs) to ensure data integrity and availability.
* **Virtual Machine Deployment and Management:** Deployed and managed virtual machines, including the creation and configuration of VMs for both Windows and Linux operating systems.
* **Infrastructure Management (IaaS):** Created and maintained infrastructure in Azure using Infrastructure as a Service (IaaS) principles, optimizing resources for efficiency.
* **Performance Monitoring and Disk Management:** Monitored VM performance metrics, including CPU, memory, and disk utilization, and managed the creation and extension of OS and data disks.

**Network and Security Configuration**

* **Virtual Network Configuration:** Configured and managed virtual networks, including setting up and maintaining Network Security Groups (NSGs) to enforce network security policies.
* **NSG Configuration:** Configured NSGs to open necessary ports based on client requirements, ensuring secure and compliant network access.
* **Azure Networking:** Applied knowledge of Azure networking, including VNet and VPN peering, VNet-to-VNet connections, point-to-site (P2S), and site-to-site (S2S) configurations.
* **Load Balancers and Security:** Understood and configured load balancers, Network Security Groups, Application Gateways, and Availability Sets to ensure high availability and security.
* **Security and Monitoring Tools:** Managed the installation of antivirus and monitoring tools based on client requirements and worked with Microsoft Sentinel alerts to maintain security posture.
* **Microsoft Defender for Cloud:** Implemented and managed Microsoft Defender for Cloud to enhance security and threat detection capabilities.

**Operational Efficiency and Support**

* **Incident Management:** Ensured operational effectiveness in incident management processes, including escalating critical incidents that risk breaching SLAs to the appropriate coordinators.
* **Technical Support:** Provided technical support, including analysing customer issues, resolving problems, and escalating requests as per established quality processes.
* **L1 and L2 Support:** Supported L1 and L2 operations in Azure, handling routine tasks and addressing intermediate-level issues.
* **Remote Troubleshooting and Deployment:** Conducted remote logins to virtual machines for troubleshooting, monitoring, and deploying applications, ensuring consistent performance across the environment.
* **Global Remote Support:** Provided remote support for global teams, ensuring timely resolution of issues and maintaining service excellence across different regions.
* **Performance Monitoring:** Monitored and managed infrastructure reliability and availability metrics to meet and exceed SLA expectations.

**System Administration and Configuration**

* **Active Directory Management:** Implemented and managed Active Directory services, including creating new user accounts, managing user groups, and ensuring efficient directory services operation.
* **Patch Management:** Handled both manual and automated patching of Windows servers, ensuring that systems remain up-to-date and secure.
* **Hardware and Software Installation:** Managed the installation of device drivers and hardware components, as well as the installation, uninstallation, and configuration of both application and system software.

**Cost Management and Optimization**

* **Cost Optimization:** Utilized reserved instances for cost optimization, providing a cost-effective environment for cloud operations.
* **Optimized Data Disk Usage:** Managed and right-sized data disks to match application needs, reducing costs by eliminating over-provisioned and unused disks.
* E**fficient Public IP Management:** Monitored and DE allocated unused public IP addresses, reducing unnecessary charges and optimizing IP usage.
* **Optimized Server Utilization:** Implemented auto-scaling and performance monitoring to ensure efficient server usage and reduce costs associated with underutilized or over-provisioned VMs.
* **Scheduled Resource DE allocation:** Configured automated shutdown and start schedules for non-essential VMs and resources to minimize costs during off-hours or low-usage periods.

**AZURE SQL DB’S**

* Designed and implemented MS-SQL DB with various purchasing (DTU’s & Vcores) models. DB deployments with Single, Elastic pool & Manage Instances .Retention Policies of DB.

**Azure Analysis**

* Designing and implementation if AAS models with various purchasing models.

**Azure Data Factory (ADF)**

* Experienced in managing Linked Services, Datasets, Integration Runtimes, including self-hosted integration runtimes, as well as controlling and executing activities within Azure Data Factory (ADF). Proficient in orchestrating single and multiple pipelines, configuring triggers, and conducting data movement, transformation, and control activities. Skilled in all administrative tasks associated with ADF.

**EDUCATION PROFILE:**

* Completed Bachelor of technology from JNT University, Ananthapur.

**CURRENT ORGANIZATION:**

# Working at ABB, Bangalore as Azure cloud Engineer from May 2023 to present

**Technical Skill Set**

|  |  |
| --- | --- |
| Azure Cloud | * Virtual machine, Azure storage, Load balancer, Application Gateway, ASR, VMSS, Azure AD, IAAS and PAAS. * Azure Backup and restore. * SQL servers, SSMS studio |
| Networking | * Virtual Networks, Subnet, NSG and ASG. * Virtual network Gateway (S2S, P2S), Peering’s & Route table and Azure Firewall. * Service endpoints and Private endpoints. |
| System software(Windows) | * Installation/Configuration/Troubleshooting * File systems and Partition Management * Users and groups administrations |
| Linux(Ubuntu) | * Basic Command Line Operations, User and Group Management, Process Management, monitoring and logging & Backup & Restore |
| Security Software | * Installation/Configuration (Trendmicro AV) |

**PROJECT EXPERIENCES:**

**Project#1:**

**Client: DXC Technology (Feb 2021 to April 2023)**

**Description:** Azure IAAS monitoring the servers, provisioning the VMs, Creating Vnet, storage account and load balanced

**Responsibilities:**

* Responsible for Installation and Configuration of Azure.
* Manage Azure Subscriptions, Resource groups, VM's backups.
* Deploy and Manage of Virtual Machine [Create and Configuration VMs for Windows and Linux.
* Manage role -based access Control.
* Configuration and Manage virtual Networks.
* Create and Configure Network Security Group
* Worked on Cloud Administrator on Microsoft Azure, involved in configuring virtual machines, storage accounts, resource groups.
* Remote login to Virtual Machines to troubleshoot, monitor and deploy applications.
* Managing Windows 2012, 2016, 2019 and 2022 servers, troubleshooting IP issues and working with different support teams.
* Supporting L1 & L2 Operations in azure
* Created and maintained Azure infrastructure (IaaS).
* Monitored VM performance (CPU, memory, disk utilization).
* Created and extended OS and data disks.
* Performed manual and automated patching on Windows servers.
* Configured Network Security Groups (NSGs) to open ports as needed.
* Installed antivirus and monitoring tools.
* Utilized reserved instances for cost optimization.
* Implemented Microsoft Defender for Cloud.

**Project#2:**

**Client: ABB India (May2023-Present)**

**Key** **Responsibilities:**

* Deployed and managed virtual machines, storage accounts, and resource groups in Azure.
* Monitored system performance and health, including CPU, memory, and disk usage.
* Creating users, groups on the windows servers Configuring Microsoft Azure virtual machines, storage accounts, resource groups.
* Handling day to day service deployments on Azure Infra.
* Applied manual and automated updates and patches to ensure system security and stability.
* Created and managed user accounts and permissions, both on-premises and in the cloud.
* Configuring the Backup policies as per the requirement.
* Understanding on Azure Storage Explorer.
* Attaching new disk to VM’s, resizing the VM.
* Monitoring the Health Status of the VM’s in Azure.
* Managed system resources and optimized performance.
* Installed and maintained software applications and updates
* Provided technical support to users for system-related issues
* Managing day to day activity of the cloud environment.

**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Date:** (**Bangalore)**

**Sreekar**