MAYUR TANDEL

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EXPERIENCE SUMMARY

Cloud and Infrastructure Engineer with 7+ years of experience in designing, implementing, and supporting enterprise-grade infrastructure, predominantly on Microsoft Azure. Proven expertise in Azure networking, cloud migration, infrastructure automation using Terraform and Azure CLI, hybrid cloud connectivity, and implementing security best practices across cloud resources. Experienced in handling high-availability setups, cost optimization strategies, disaster recovery planning, and cross-region deployments. Strong background in supporting virtual machines, storage solutions, firewalls, VPNs, and load balancers across diverse business environments. Adept at resolving complex technical issues, supporting cloud transitions, and improving overall system reliability and performance.

TECHNICAL SUMMARY

- Cloud Platforms:

- Microsoft Azure (Expertise in IAAS/PAAS services, ExpressRoute, VPN Gateway, VNet Peering, Azure Firewall, NSGs, Azure Monitor, Application Gateway, Azure Load Balancer, Azure Traffic Manager, Azure Machine learning,Databricks,Azure Virtual Desktop)

- Basic exposure to AWS (AWS Partner Accreditation - Technical)

- Infrastructure as Code & Automation:

- Terraform, ARM Templates, Azure CLI, PowerShell

- Monitoring & Security:

- Azure Monitor, Log Analytics, Application Insights, Azure Key Vault, Azure AD, Azure Policy

- Implementation of security rules via NSGs, Firewalls, and conditional access policies

- Operating Systems & Platforms:

- Windows 7, 8, 10, Windows Server

- Experience with Active Directory, DNS, DHCP, OS patching and backups

- Networking:

- TCP/IP, DNS, DHCP, RIP, LAN/WAN Troubleshooting, VPN (P2S/S2S), Public & Private IP management

- Network diagnostics and packet-level troubleshooting with Azure Network Watcher

- Tools & Platforms:ServiceNow, Microsoft Outlook, PuTTY, Telnet, Remote Access tools

<u>*EDUCATIONAL QUALIFICATIONS*</u>: B.E(E&C)-2017

<u>*WORK EXPERIENCE*</u> :

1.*Company: Clouddbtech.pvt.ltd*
Designation:Sr.TechnicalAssociate
Duration: 21-01-2025 Till running

- · *Design, implement, and manage Azure Virtual Networks (VNets) to connect multiple regions, ensuring high availability and disaster recovery.*
- · *Configure and optimize Azure ExpressRoute and VPN Gateway for hybrid cloud solutions, ensuring secure and efficient connectivity between on-premises data centers and Azure.*
- · *Implement Azure Firewall and Network Security Groups (NSGs) to enforce security policies and restrict unauthorized access to resources.*
- · *Manage and optimize Azure Load Balancer and Application Gateway to ensure scalability and reliable performance for applications in the cloud.*
- · *Utilize Azure Network Watcher to monitor network traffic, diagnose connectivity issues, and optimize network performance across multiple virtual networks.*
- *End-to-End ML Model Deployment on Azure ML Studio*
- *Data ingestion using Azure Data Factory and Azure Blob Storage.*
- *Data preprocessing using Azure Machine Learning pipelines.*
- *Model training using Azure ML SDK (Python).*
- *Model tracking and versioning using Azure ML Experiments and Datasets.*
- *Registering models and deploying as an Azure Container Instance or AKS endpoint.*
- *Data Engineering with Delta Lake*
- *Creating and managing Delta Tables for versioned data storage.*
- *Using merge (upsert), update, and delete operations with Delta.*
- *Time travel and schema evolution handling in production workflows.*
- · *Implement network segmentation and security strategies using Network Security Groups (NSG) and Azure Firewall policies.*
- · *Configure Azure Traffic Manager for global load balancing, ensuring minimal downtime and high availability for critical services.*
- · *Automate network deployment and management using Terraform, ARM templates, and Azure CLI scripts.*
- · *Work with the Azure team to troubleshoot network issues, applying solutions to improve overall network performance.*
- · *Support large-scale migrations to Azure, ensuring seamless network integration between on-premise and cloud environments.*

2. *Company: ITCGSolutions.pvt.ltd*
Designation: Cloud Engineer

Duration: 08-05-2023 to 17-01-2025

- *Having work experience virtual machine, Manage subscriptions and governance*
- *Hands on Azure VNET Peering*
- *Having work experience Azure files and Azure blob storage*
- *Having work experience deploy master image of Azure virtual machine.*
- *Designed and implemented cloud infrastructure using Azure services to support business applications and services, reducing operational costs by 20%.*
- *Managed and monitored Azure resources using Azure Monitor, Log Analytics, and Application Insights to ensure optimal performance and availability.*

- *Collaborated with cross-functional teams to migrate on-premises workloads to Azure, enhancing scalability and disaster recovery capabilities.*
- *Implemented security best practices using Azure Active Directory, Key Vault, and Network Security Groups, reducing security incidents by 15%.*

- *Optimized Azure costs through careful resource management and utilization analysis, achieving a 25% reduction in monthly cloud expenses.*
- *Worked on storage key*

- *ETL Pipelines using Apache Spark (PySpark/Scala)*
- *Reading data from ADLS/Blob and writing transformed data to Synapse or Snowflake.*
- *Writing optimized ETL jobs using Spark DataFrame API.*
- *Using Databricks Workflows to orchestrate multi-step ETL pipelines.*
- *Configure and Manage Virtual Networking*

- *Create the Azure IAAS Services- Applications Gateway, Load Balancers, Azure Moniter, Storageaccounts, virtual network.*

- *Model Monitoring and Retraining*
- *Setting up model data drift detection using Azure Monitor and ML Pipelines.*
- *Automating retraining pipeline triggered by data drift or performance drop.*

- *Storing monitoring logs in Azure Application Insights and Log Analytics.*
- *Data Engineering with Delta Lake*

- *Creating and managing Delta Tables for versioned data storage.*
- *Using merge (upsert), update, and delete operations with Delta.*
- *Time travel and schema evolution handling in production workflows.*
- *Automated ML (AutoML) Implementation*

- *Running AutoML experiments for classification/regression use cases.*
- *Configuring compute targets and tuning AutoML settings (iterations, cross-validation).*

- *Evaluating AutoML model leaderboard and promoting best model.*
- *Consuming data from Azure Event Hub or Kafka.*

- *Processing with Structured Streaming and writing outputs to Delta/SQL.*
- *Setting up windowed aggregations and late-arrival handling.*

- *Creating CI/CD pipelines for model training, validation, and deployment using Azure DevOps.*

- *Version control with Git integration in Azure ML.*
- *Logging experiments, parameters, and metrics with MLflow.*
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- *Registering models and serving using Databricks Model Registry.*

- *Using MLflow or Azure ML for experiment tracking and reproducibility.*

3. **Company: NGenioussolutions.pvt.ltd**
   Designation: Cloud Engineer

   Duration: 14-02-2022 to 28-04-2023

- Having work experience virtual machine, Manage subscriptions and governance, Manage Azure Identities and Governance.
- Hands on Azure firewall, Azure traffic manager, Azure pricing calculator, network security group

- Create and configure Azure App Service, Implement and manage virtual networking and Manage Storage
- Configure Azure files and Azure blob storage

- Take the Azure Backup as per requirement and do the Azure disaster recovery, create the Azure virtual Desktop
- Hands on Azure VNET Peering, VPN(Point to site VPN, Site to site VPN)

- Migration from SQL IAAS TO PASS, Knowledge of load Balancer
- How to Backup and Restore a server in Azure Database for MySQL using the Azure portal

- Provided technical support and troubleshooting for Azure-related issues, resolving 95% of incidents within SLA targets.
- Assisted in the migration of legacy systems to Azure, including data transfer, application reconfiguration, and testing.

- Configured and managed Azure Virtual Machines, Storage Accounts, and Networking resources to meet client requirements.
- Conducted regular security audits and implemented necessary changes to adhere to compliance standards.

- Secure and Scalable Architecture
- Unity Catalog and fine-grained access control for data governance.
- Using Databricks Repos for notebook version control with Git.
- Cluster policies and job clusters for cost optimization and compliance.

- Security and Governance in Azure ML
- Role-based access control (RBAC) for workspace, datasets, and compute targets.
- Reading data from ADLS/Blob and writing transformed data to Synapse or Snowflake.

- Writing optimized ETL jobs using Spark DataFrame API.
- Using Databricks Workflows to orchestrate multi-step ETL pipelines.

- Using Azure Key Vault for securing credentials and secrets in pipelines.

- Enabling network isolation with Private Endpoints and VNet integration.

4.Company: Comnet solutionspvt.ltd

Designation: Cloud Support Engineer

Duration :03-10-2019 to 07-02-2022

- Create the Azure IAAS Services- Applications Gateway, Load Balancers, Azure Moniter, Storageaccounts, virtual network.
- Knowledge of public ip and private ip.
- Having work experience configure custom domain with virtual machine.
- Hands on Microsoft Azure storage table.
- Having work experience deploy master image of Azure virtual machine.
- Worked on storage key.
- Having work experience Azure service level agreement.
- Configure and Manage Virtual Networking
- Work on service now ticketing tools.
- Managing users from AD Server.
- Installation, Maintenance and Troubleshooting of windows 7, windows 8, windows 10.
- Creating & managing user's profile.
- Configuring & Troubleshooting of Mail Clients MS Outlook 2010/2013/2016 and Repairingof corrupt user mails in MS Outlook.
- Knowledge of OS Migration, Printer configuration.
  - Troubleshooting issues related to Microsoft outlook 2013/2016.
  - Handling L1 and L2 tickets escalations.
  - Troubleshoot with the login and domain related issues.
  - Responding users emails for their technical queries.
  - Active directory used for domain allocation for system management services
  - Troubleshooting internet explorer issues.
  - Troubleshooting internet/mail related issues.
  - Attending and solving the software related problems of users.
  - Troubleshooting desktops and networking related problems.
  - Login to DHCP server through putty for checkout IP status of devices.
  - Troubleshooting LAN issues and escalating it if necessary

5.Company : TELIGENTA INFOTECHPVT.LTD.

Designation: Desktop Support Engineer

Duration: 12-11-2018 to 20-08-2019

- Knowledge of Hardware and Networking.

- Knowledge of OS Installation, Printer, Scanner Configuration, antivirus issues.
- Installing and Configuration Windows 7, 8.1 & Windows 10 Pro.
- Basic Troubleshooting of LAN & WAN Connectivity.
- Network monitoring, network cable patching and checking.

- *Troubleshooting issues related to Microsoft outlook 2003/2007.*
- *Knowledge of Telnet Remote Access.*
- *Knowledge of RIP.*
- *TCP/IP Protocol better understanding for HTTP,HTTPS.*
- *DHCP configuration.*
- *Monitoring Managing DHCP and DNS Server Related issue*
- *Knowledge of firewall.*

4. **COMPANY : GRP INFRA,SURAT**

Designation : Network Engineer

Duration: 20-08-17 to 30-10-18

- *I have work with GRP infra as an operational executive in an environment ofserver, switches and routers doing troubleshooting with all the network related issues.*
- *Monitored daily backups, antivirus status, shared storage space and network activity, adjusting network equipment and setting as needed.*

TECHNICAL SKILLS :

- ❖ **CCNA (Certified for SUN INFO SYSTEMS**
- ❖ **Azure Administrator (Radical Technologies, PUNE)**
- ❖ **Microsoft Certified Azure Fundamentals**
- ❖ **AWS Partner:Accreditation(Technical)**
- ❖ **Microsoft Certified Azure Administrator**
- ❖ **Microsoft Certified Azure virtual Desktop Specialty**
- ❖ **Microsoft Certified Azure Network Engineer Associate**
- ❖ **Microsoft Certified Azure Solutions Architect Expert**

PERSONAL INFORMATION :

- ❖ *Full Name   : Mayurkumar Babubhai Tandel*
- ❖ *Birth Date   : 02-05-1993*
- ❖ *Nationality   : Indian*
- ❖ *Marital Status   : Unmarried*
- ❖ *Communication Skill : Hindi, Gujarati and English*

Declaration *: I do hereby declare that all the information given above is true to the best* of my knowledge and belief.

Place: Mumbai