

YAHYA



SUMMARY

Analytic Network Engineer with 2 years of experience in managing LAN/WAN network and a strong background in modern networking, virtualization, and Cloud technologies. Accomplished network developer with proven success in designing and implementing business connectivity solutions. Focused on maintaining network scalability & availability of on-premises and cloud systems to provide customers with seamless data management.

EXPERIENCE

Network Engineer

ATMECS Technologies Pvt. Ltd. | June 2022 - December 2023

Hyderabad, India

A leading service-based company providing innovative solutions in Cloud, IT and AI domains, with over 2000 satisfied clients and \$60M+ in annual revenue.

Network Administration & SDWAN Support:

- Managed computer systems, established spine-leaf, collapsed tier network architectures as per client's requirements.
- Configured **Cisco routers (2600, 2800, 3600, 3800 series)**.
- Installed and Maintained **Cisco switches (2950, 3700, 6500, NX series)**.
- Implemented switching protocols (**port security, EtherChannel, STP, VLANs, inter-VLAN routing**)
- Performed **network configuration, troubleshooting (routing, IP assignments, performance tuning)**.
- Configured routing protocols (**OSPF, BGP, EIGRP**), route redistribution and leveraged ECMP for optimal path selections.
- Enhanced network security measures against unauthenticated, unauthorized, and inconsistent privilege access to the users by updating and configuring Various network devices, **FortiGate Firewalls, ACLs, WLAN security**, resulting in 15% system security improvement.
- Assisted in network topology design and **documentation**.
- Resolved network & server issues, raised tickets and sort out them based on priority on **ServiceNow**.
- Utilized **SNMP configurations** and integrated various network equipment to **SolarWinds** for better network visibility.
- Deployed, managed mesh **WLAN (UniFi Security Gateways, PoE switches, APs)**.
- Configured **FortiGate firewalls** (policies, VDOMs, clustering) and acquired practical exposure working on **Palo Alto firewalls**.
- Managed and Monitored issues on **SDWAN** over 100+ routers, identified bottlenecks.
- Onboarded **SDWAN vEdge** routers and assisted with **MPLS** underlay design (**DMVPN**), providing optimal and manageable network design.
- Documented various **SDWAN** configurations, network diagrams, troubleshooting for future reference.
- Coordinated Network Team in installing and configuring network devices for optimal latencies, providing 20% of business continuity improvement, future compatibility, and management flexibility.

VMware NSX Monitoring & Management:

- Maintained and Monitored **VMware NSX** micro-segments using of the NIC for enhanced security and network automation.

CONTACT

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IQAMA STATUS

Transferable

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA)
- Azure Fundamentals Certified (AZ-900)
- Cisco Certified Network Professional (CCNP)
- Azure Administration (AZ-104)
- Azure Solutions Architect (AZ-305)
- AWS Cloud Architect Associate (SAA-C03)

SKILLS

Technical Skills:

- TCP/IP
- LAN/WAN/WLAN
- SDWAN + SASE
- Cisco Devices
- Ubiquiti Devices
- FortiGate Firewall
- Routing & switching
- AWS VPCs
- AWS Direct Connect
- AWS EC2 & S3
- AWS Route 53
- Azure Virtual Networks
- Azure Storage
- Azure Firewall & NSG
- Azure Migration
- Azure VPN connectivity
- Azure ExpressRoute
- VMware NSX
- VMware vSphere
- Network Virtualization

- Installed, configured, and managed virtual hosts across VMware vSphere environments.
- Implemented **micro-segmentation** policies leveraging **Distributed Logical Routers (DLRs)** and **Distributed Firewalls (DFWs)** for granular traffic control and enhanced security posture within the virtualized environment.
- Improved application performance by 30% by leveraging **NSX Load Balancer** for intelligent traffic steering and load balancing, leading to enhanced user experience and customer satisfaction.
- Streamlined network operations and troubleshooting processes by leveraging **NSX Intelligence** (formerly vRealize Network Insight) for comprehensive visibility and analytics, resulting in a 40% decrease in mean time to resolution (MTTR) for network-related issues.
- Collaborated with teams to implement **vSphere patch and change management** strategies aligned with client requirements and to integrate VMware NSX with existing network infrastructure and cloud platforms.

Azure Cloud Connectivity and Cloud Adoption Support:

- Assisted in optimizing **Azure virtual networks, VNet peering, User-defined routes (UDRs), and network security groups (NSGs)** for secure and scalable cloud deployments.
- Implemented Azure networking services like **Azure WAN, Network Watcher, DDoS protection, and Microsoft Entra ID** for governance and network resiliency.
- Good exposure in implementing hybrid cloud architectures, establishing **VPN** connectivity and **Azure sync** with on-premises systems for seamless data synchronization.
- Supported **Windows Server** user, group, and device migrations and proper **Azure IAM** policies assignment on the cloud, ensuring secure access management and security controls.
- Scripted infrastructure provisioning and configuration management using **Terraform** and **Ansible** for cloud deployments.
- Gained experience with CI/CD pipelines for infrastructure builds using Terraform and **Pulumi**.
- Planned and executed Azure **Express-Route** deployments, enabling dedicated, private connectivity between VMware network infrastructure and Azure cloud network.
- Achieved 99.9% uptime for Azure Express Route circuits, ensuring highly available and reliable connectivity between on-premises and cloud environments.
- Reduced network provisioning time by 60% through automated deployment of Azure networking components, resulting in faster time-to-market for cloud-based applications and services.
- Collaborated with cross-functional teams, including cloud architects, application owners, and on-premises network engineers, to ensure seamless integration and operation of Azure networking solutions.

EDUCATION

Bachelor of technology in Computer Science

Global Institute of Engineering & Technology

August 2018 - July 2022, First Class

- Completed coursework in computer networks, cloud computing and cryptography & network security.
- Received best coordinator award on Engineers Day

- Server management
- MySQL
- Windows & Linux Server
- Hyper-V
- Terraform
- Ansible
- Git/GitHub
- PowerShell
- Bash
- Python Scripting
- CI/CD
- SDN Automation

Soft Skills:

- Solution Analyst
- Nimble Learner
- Independent Worker
- Team Player
- Adaptability
- Optimistic

LANGUAGES

- **English:** Proficient
- **Urdu:** Proficient
- **Arabic:** Intermediate

ACCOMPLISHMENTS

Ethical Hacking Workshop | IIT Hyderabad

November 2019

- Participated in Ethical Hacking workshop that helped me in gaining valuable insights about various digital attacks and social attacks and their remediation.

Hackathon | Code for India April 2022

- Supported the team in building a versatile and notable prototype, a decentralized chat application which was selected in an incubation program at Adventure Park.