**MOHAMMAD ALI RAZA**

**Professional Summary**

* I have over 20 years of IT experience specializing in Routing/Switching, LAN/WAN environment and Data Center Technologies.
* I am a team player as well as handle IT projects alone working both onsite and remotely with CEO and CIO.
* I am an MBA in IT, BSc in IT, MCSE and CCNA certified.
* I have designed networks as well as set up new office IT infrastructures including routing, switching, firewalls, Windows Servers, Active Directory and VoIP systems from scratch.
* Worked alongside vendors for superior products and services delivery for ongoing projects and day to day organization operations.
* Provided troubleshooting and support to end users promptly and played proactive role interacting with top company management and vendors to mitigate IT infrastructure risks as well as to resolve IT issues.
* Designed IP addressing (IPv4 and IPv6) scheme to provide network connectivity for small to Enterprise sized business networks
* Familiarity with CISSP domains to secure network architecture and securing network components

**Technical Skills**

***Automation***: Ansible, PowerShell

***Languages***: C/C++ • Java • Visual Basic • HTML • Swift • Game Scripting • Python

***Databases***: Oracle PL/SQL • MS SQL

***Firewalls:*** Cisco ASA • Fortigate • Palo Alto • WatchGuard • Check Point

***Software***: MS SharePoint • MS Exchange • Oracle ERP • Mac OS • VMware

Solar Winds • Wire Shark • PowerShell • Cisco AnyConnect • Global Protect

***Cloud***: Amazon Web Services (AWS) • Office 365 • Microsoft Azure

***Routing & Switching***: Cisco 3845 • 3745 • OSPF • EIGRP • BGP • VLANs • STP • Cisco Unified Communications, Asterisk (VoIP) • Cisco 2960x • Cisco Catalyst 3650 • H.323

**Professional Experience**

**WCJC, Richmond, Texas Aug, 2019 – Present**

**Adjunct Instructor**

Part time Instructor teaching at Wharton County Junior College, the following classes:

Cisco CCNA – Enterprise Networking

Game Scripting with Python

**Entergy, Woodlands, Texas**

**Senior Network Security Engineer (Contractor for Comtec) Oct, 2022 – May, 2023**

* Worked on the Pangolin Project to replace production Internet Check Point firewalls with Palo Alto 5400 series Firewalls
* Did consulting work designing, planning and requirements gathering for the Pangolin Project to implement new 5400 series Palo Alto firewalls in the production environment
* Executed and assisted with other Entergy engineers in day-to-day operations and maintenance of all system/components involved in network security including devices and technologies such as firewalls, client and site to site virtual private networks (VPN), IPS and IDS.
* Tasked with maintaining and upgrading Check Point Firewalls
* Worked with Symantec Proxy SG devices

**EnerMech, Houston, Texas Feb, 2021 – October, 2022**

**Senior IT Infrastructure Engineer**

* Responsible for securing, maintaining, upgrading, and troubleshooting IT networks in 35+ offices located globally in Australia, Asia, Middle East, Europe, Africa, US and South America
* Responsible for securing the global company networks by maintaining, upgrading and troubleshooting issues on Palo Alto Panorama Firewalls, Global Protect and Prisma Networks located in all 35 offices globally
* Securing and Managing Palo Alto Panorama involves but not limited to PAN-OS updates, policy updates, decryption rule changes and managing remote networks globally
* Upgrading, maintaining and troubleshooting issues with Cisco Meraki equipment
* Responsible for maintaining and updating Cisco Routers and Switches located in all 35 offices worldwide.
* Configuring and troubleshooting issues with ACLs, static routes and protocols such as EIGRP and BGP
* Upgrading, maintaining and troubleshooting issues with VMware VCenter ESxi 6.7 involving over 200 virtual servers located in offices globally
* Responsible for maintaining Cisco DMVPNs between all 35 offices globally
* Responsible for maintaining and troubleshooting Palo Alto Prisma VPNs located globally
* Administration of Mimecast Email Security Platform
* Administration of Office 365 and Azure
* Worked on O365/Azure MFA global rollout project
* Designed, implemented and completed the Palo Alto SAML based Global Protect/Azure authentication global rollout project

**ITCubed, Houston, Texas May, 2019 – August, 2020**

**Project Manager/Senior Network Engineer**

**Projects Completed:**

* MS Azure Site Replication. Finished projects to replicate VMs from one Azure region to another. Conducted test failover and then the actual failover along with failback. This included design of resource groups, recovery services vault, capacity planning and working with replication policies
* O365 MFA Rollout for multiple clients
* Cisco ASA and Any Connect VPN configuration for Remote Users
* MS Azure VNet complete design and implementation including subnets, routing, Virtual Network Peering and Network Security Groups (NSGs)
* Completed Network design and upgrade recommendations for entire Houston Oaks Country Club. Upgrade recommendations involved replacing fiber and Cat 5 cables
* Also, made recommendation for new Meraki switches, Cisco routers and access points for 17 buildings/locations within the Club
* Troubleshooting slow networks with WireShark
* Implementation of layer 2 security on Cisco switches including management with CSM
* Extensive experience in virtualization including VMware, vSphere, ESXi, Enterprise 6.0, 6.5, 6.7 and 7.0 (HA, DRS, vMotion, SRM), Microsoft Hyper-V and Citrix XenServer

**Stoller USA, Houston, Texas July, 2018 – Jan 2019**

**Senior Network Administrator / Engineer**

* Supervising SDWAN implementation at 15 international Stoller locations.
* Configured layer 7 features of Palo Alto to protect network.
* Troubleshoot and configure Cisco 2960x switches and Cisco Meraki APs
* Troubleshooting LAN/WAN issues for 15 international Stoller locations.
* Troubleshoot and configure VoIP Phones for Stoller US network.
* Troubleshoot and resolve IT issues with 15 international offices worldwide.
* Troubleshoot and resolve Active Directory issues for 850 Stoller users.
* Configure and resolve MS Exchange Online/O365 issues for 850 Stoller users.
* Troubleshooting network performance issues using WireShark.
* Design and implementation of MS Azure solution including deploying Recovery Services Vault, Backup and Retention Policies, backing up, Restoring Azure and Linux VMs with portal.

**City of Rosenberg, Rosenberg, TX July 2017 – Dec 2017**

**Senior Network Administrator / Systems Administrator**

* Configuration and implementation of VMware vSphere including vMotion and vSan
* Administration and management of Cisco ASA firewalls and 2960x switches
* Configuration and administration of Palo Alto Firewall
* Design and configuration of WLANs consisting of Ubiquiti APs all over the city
* Administration of Mitel VoIP PBX
* Configured EIGRP and OSPF for Cisco routing solutions
* Configuration and Troubleshooting of Cisco Meraki
* Administration and management of f5 load balancers
* PowerShell Scripts to customize Office 365
* Administration of SolarWinds log and network performance pack

**Oryx Hospitality Group, Dubai, UAE May 2007 – Feb 2017**

**IT Manager**

* Configured, updated and maintained Cisco 3800 series routers as well as Cisco Call Manager including Cisco 7900 series IP Phones company wide. Used H.323 and SCCP protocols extensively
* Designed, planned and configured the new UK and UAE offices that included the Server racks, Switches, Firewalls, VPN and Cisco Call Manager
* Configuration and Administration IPSec VPN between all international locations including
* London and Dubai
* Ensured that all hardware and software including HP DL 380 G8 Servers, Windows Server 2012, Microsoft GP Dynamics aligned with company benchmarks and strategies
* Configured, updated and maintained Fortigate 100, 80, 60 and 40 series firewalls as UTMs to safe guard company networks against external threats in addition to setting up policies such as traffic shaping, web blocking, intrusion detection and spam management.
* Configured and monitored multiple sites to site VPN connections as well as checked logs for any suspicious activities.
* Configured and administered Active Directory on Windows Server 2012 including DHCP, DNS and remote services.
* Planned and put into action full and incremental backups of company wide data (servers and clients) including Word, Excel, .pdf and .pst (emails) files.
* Planned and implemented Disaster Recovery for all systems including hardware and software to ensure business continuity.
* Installed, administered MS SQL 2008, 2012 and database. Wrote SQL scripts based on management requests.
* Administration and Backup of Linux Red Hat Servers.
* Planned, designed and installed the overall IT security of the company.

**ATR (Applied Training Resources), Spring, TX March 2004 – Sept 2006**

**Network Administrator**

* Extensive use of MS Exchange 2003, DNS, DHCP, TCP/IP, and Active Directory.
* Managed vendor relationship for best procurement options relating to the company.
* Supported users including assisting them troubleshoot network connectivity, email and various hardware and software issues.

**Silex Computers, Houston, TX Aug 1997 – Feb 2004**

**Systems Analyst**

* Provided various IT on-site support services to both commercial and residential clients in Texas.
* Extensive experience in computer repair and troubleshooting hardware and software problems.

**Education and Certifications**

* **Master of Business Administration (MBA) in Technology Management, GPA: 3.82**

University of Phoenix, Arizona

* **Bachelor of Science (BSc) in Information Systems and Technology, GPA: 3.62**

University of Phoenix, Arizona

* **MCSE** (Microsoft Certified Systems Engineer)
* **CCNA** (Cisco Certified Network Associate)