



# Mudassar Ali Shah

**MIT | AZ-305 | CCNA | CEH | NSE-1 | NSE-2 | NSE-3 | HCIA Security | AZ-104 | HCIA Cloud | AZ-400 |**

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## INFORMATION TECHNOLOGY PROFESSIONAL

*Over Twelve years extensive experience in delivering highly complex and large-scale IT projects.*

Highly prudent & strategically agile senior IT professional with demonstrated achievement in bottom- and top-line growth. Tech-savvy professional with solid history spearheading complex system migrations and executing robust database administration. Skilled in improving connectivity and describing technology benefits. Expertise In Systems Administration, Networking, hardware, Virtualization, software troubleshooting. Possess fundamental knowledge networking security such as server troubleshooting, network architectures, and internal organizations systems, within operations environment. Adept at leveraging outstanding management skills to direct cross-functional team operations, carry out effective task delegation, and prepare in-depth documentation to accentuate operational success. Proven ability to create and deliver solutions tied to business growth and organizational development, as well as effectively plans, installs and configures IT infrastructures to achieve high availability and performance.

**Specialties:** Experienced in ITSM (IT services management), managing multiple OS and multiple vendor platforms like MS Windows, Linux, IBM, Dell, HP, Adaptive Defense 360, Fortinet, Mikrotik, Ruckus ZD and Cisco etc. Experienced in Information Security Governance, IS Risk Management, Management and Information Security incident Management. Experienced in configuration and administration of Server's, other network devices, Network Monitoring like PRTG, Databases and mailing systems like MDAemon Email Server.

## Skills Summary

- **Linux:** Administration and troubleshooting of DHCP, DNS, FTP, Mail Server, PFSense, Squid and Ubuntu Servers
- **Microsoft:** Deployment, Administration & end users support for Windows server 2012 R2, Active Directory (ADS), GPO, DNS, DHCP, RRAS, FTP, RODC, VPN, ISA Server 2006, CC Proxy 8.0, Forefront TMG, VPN's & IIS, WSUS, NPS radius server.
- **Network:** Deployment, configuration & troubleshooting of LAN / WAN technologies, proficiency in CISCO, Juniper, Huawei, Ruckus Zone Director, Fortinet Network appliances.
- **Network Security:** Hands on experience in configuration and implementation of Cisco ASA Firewalls and Cisco VPN, WatchGuard Firewall, FortiGuard Firewalls 200F, 500 E, 100 F, 80F and 100E.
- **Network Storage:** Deployment, configuration & troubleshooting of NAS, WD NAS OS & Seagate NAS OS.
- **Databases:** Hands on deployment and administration experience with industry renowned databases including, MS SQL, Oracle 9i, 10G, 11G, MySQL.
- **Web Servers:** configuration & troubleshooting of IIS, WAMP, XAMP & Oracle IAS
- **Virtualization:** Server Consolidation and implementation of HA with VMware vSphere – ESXI – vCenter, VMware Workstation, Oracle VM Virtual Box, VNC.

- **Email Server:** Deployment & troubleshooting of Microsoft Exchange server 2010, 2013 & 2016. Implementation of distributed services for Microsoft Exchange to achieve scalability and high availability.
- **CCTV:** Configuration and troubleshooting of all DVR's and Network DVR's. Configuration on Remote Channel's without Static IP's.
- **Cloud :** Can work on AWS, Azure Servers, AZ-104, AZ-400, AZ-305 Solution Expert Certified, Office 365, Adaptive defense 360, other cloud base Service Like Active directory , G-Suit workspace, Net-suit- Manage Engine etc.
- **Others:** Proficiency in Server Hardware maintenance and troubleshooting including market renowned manufacturers, Dell, HP, IBM. Raid configurations and maintenance. Hands on with different storage solutions including Free NAS, WD NAS OS & Seagate NAS OS.
- **Azure: Az-104** Microsoft Azure Administrator, **Az-305** Designing Microsoft Azure Infrastructure Solutions Certified, **MS-500** Microsoft 365 security administrator, **Az-400** Microsoft Certified Azure Dev-Ops Engineer Expert.

## Experience

CURRENTLY WORKING

### **MANAGER NETWORKS & SYSTEM / AIRCOD TECHNOLOGIES**

- Deploying, automating, maintaining, and managing azure cloud-based network, to ensure the availability, performance, scalability and security of production systems.
- Network troubleshooting and problem-solving across platform and application domains.
- Suggesting architecture improvements, recommending process improvements.
- Quickly learn company business process and IT infrastructure, and identify any potential network weaknesses and vulnerabilities.
- Responsible for the Planning, design, documentation, implementation and management of enterprise network infrastructure solutions based on specific project needs. These solutions should be stable, secure, highly available and scalable to evolving technology/architecture.
- Produce professional diagrams and documentation for networks and operational best practices, standards, policies and procedures.
- Manage or assist in the resolution of complex technical problems, while providing appropriate communications to all involved business partners and related stakeholders.
- Design, re/architect, and implement a secure global network infrastructure across multiple domains, platforms and multi-tiered architectures, enabling automation and/or machine-based resolution, with optimized alerting through technical analysis.
- Advanced knowledge of Firewalls, VPN, and Network Virtualization – with strong abilities to architect solutions that enhance/maintains the reliability and stability of the network, and strengthens the traffic flow of data throughout global network.
- Advanced/expert level infrastructure systems administration and engineering, with a strong emphasis on solution integration and systems implementation.
- Select and implement security tools, policies, and procedures in conjunction with the Information security team.
- Experience of deploying hybrid systems, those with an on-premises data center and AWS / Azure / Google Cloud components.
- Implementation and deployment of cloud based data security practices, disaster recovery techniques, and troubleshooting.
- Configuration and troubleshoot on Fortinet 100F, 200F , 500E, 80F, 80E for different clients IPS, Vlan DHCP, SD WAN and etc.
- Cisco 2960, 3560 and 4948 catalyst configuration, backup , Troubleshoot and VLAN Domain and trunk and access port configuration in different environment.

FEB-2022 – MARCH 1, 2023

## **Assistant Manager IT / OLX** Pakistan.

- Responsible to Manage and provide support to LAN and WAN Network devices.
- Manage Installing, configuring and maintain Windows Server 2012, 2016, 2019.
- Responsible for Implementation and administration of Active Directory, DHCP and WSUS Server.
- Responsible for Setting up user accounts, Group Policies, and Email on G-suit.
- Responsible For Installing, Configuring and Maintaining ESXI Servers on Physical Server like Dell 730, Dell 740.
- Responsible for managing all the ESXI Server From Vcenter on a single host machine.
- Responsible For all Vm's Backup On hourly and Daily Basis Via Veeam.
- Responsible for Windows Radius Server for authentication of Mac address for connecting the SSID.
- Responsible For Manage More than 10 Main offices In Lahore, South and North region.
- Manage and configuration of Ruckus Zone Director 1200 for All Ap's.
- Responsible for Manage PRTG Server for Monitoring all Devices Including Server and Network.
- Responsible to ensure to Virtualize Windows servers, firewall and connecting them to networks.
- Manage Installing, configuring, and maintaining WFilter NG firewall and Fortinet 200 F for Load balancing, Access Policy, and routing.
- Responsible to Oversee and monitor traffic through firewall (Firewall rules, load balancing etc.)
- Ensure to Block web/application access and to prevent known malware attacks through cloud base endpoint
- Responsible and Manage Office 365 License and Microsoft Servers Volume Licenses. AWS Windows Server , Palo Alto AWS firewall, S3 Storage and other Cloud Base Services.

MAR-2013 – NOV-2021

## **Head IT & Advertisement/ Ashraf Fabrication & Engineering Industries (Pvt.) Ltd.**

- Oversee all technology operations and evaluate them according to established goals
- Manage a portfolio of technology projects to meet cost, scope, and schedule constraints
- Provide leadership in technology portfolio for enablement and innovation
- Planning, development, and implementation of Technology Governance Framework per Standard.
- Devise and establish IT & Security policies, SLAs and systems to support the implementation of strategies
- Develop and enhance an information security management framework
- Analyze the business requirements of all departments to determine their technology needs
- Purchase efficient and cost-effective technological equipment and software
- Coordinate managers and supervise technicians and other professionals to provide guidance
- Control budget and report on expenditure
- Assist in building relationships with vendors and creating cost-efficient contracts
- Design and execute operations of information systems; troubleshoot hardware, software and network operating system, as well as install work stations and oracle 11g front end and 10g database ERP system Support.
- Exercise hands-on approach to manage information technology, computer systems and advertisement operations; develop policies and procedures for EDP and computer system.

- Setup the domain controller environment, respond to all technology issues, also ensure network access to all staff.
- Connect new hardware while maintaining IP addresses; ensure hardware is stripped and secure before disposal
- Complete CCTV Configurations, Support and Maintenance via team of technicians. Without Static IP's configuration on all remote Channels.
- Plan, organize, direct, control and evaluate the operations of information systems.
- Ensure hardware is stripped and secured before disposal.
- Perform other related duties as required during working hours.
- All Advertisement related task Like Ad pasting, Profile Design and Media Collaboration with all Vendors like Daily Jang, Yellow Pages, POGEE, IEEP, ER, EIR and all others.

NOV 2011 – JAN 2013

## **Network Engineer / Flight Center Tour & Travel Lahore**

- Administer and maintain network hardware and services
- Network documentation
- Rendered keen eye for details to resolve server and client end security Issues, isolate & diagnose network problems; evaluated vulnerability and malicious reporting to ensure appropriate hardware installation and configuration.
- Diagnosed hardware and software problems, preserved control records, and replaced defective components while executing data backups, disaster recovery operations, shutdown procedures and routine network startup.
- Streamlined and organized all engineering tasks, including troubleshooting, repairing, resolving, technical problems issues related to computer hardware/software/LAN and WAN/internet.
- Ensured backing up of all necessary software's & drivers, all running email machines as well as resolved firewall and ISA policy issues and cabling with CAT 5, 6 straight and cross.

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## **Education / Trainings**

**MASTER OF INFORMATION TECHNOLOGY**, Virtual University of Pakistan, Lahore.

Project: Railway Management System

**BACHELORS OF SCIENCE**, University of the Punjab, Lahore.

**FSC (PRE-ENGINEERING)**, Govt. Islamia College, Civil Lines, Lahore.

### **Fortinet NSE 3 Certified**

Certification Validation No: 5QRMexptXL Valid Till 2024

### **Fortinet NSE 2 Certified**

### **Fortinet NSE 1 Certified**

### **HUAWEI Certified ICT Associate**

Security Validation No: 010100301623808827211586863

### **HUAWEI Certified ICT Associate**

Cloud Computing Validation No: 010100802623808827171573886



## Cisco Certified Network Associate

Certification Validation No: CSC014107257 Valid Till 2025

## MCITP, MCSE, MCSA Certified

Certification are retired Now.

## Microsoft Certified: Azure Administrator Associate

MCID: 11228385 AZ-104 Certification Number: I449-7108 Valid until: October 16, 2023

## Microsoft Certified: Azure Solutions Architect Expert

MCID: 11228385 AZ-305 Certification Number: I450-4316 Valid until: October 17, 2023

## Microsoft 365 Certified: Security Administrator Associate

MCID: 11228385 MS-500 Certification Number: I457-1984 Valid until: October 22, 2023

## Microsoft Certified: DevOps Engineer Expert

MCID: 11228385 AZ-400 Certification Number: I467-0431 Valid until: October 30, 2023

## Microsoft Certified: Cybersecurity Architect Expert

MCID: 11228385 SC-100 Certification Number: I484-3729 Valid until: November 14, 2023

## Microsoft Certified: Azure for SAP Workloads Specialty

MCID: 11228385 AZ-120 Certification Number: I493-7921 Valid until: November 21, 2023

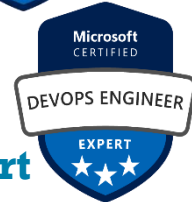
## Certified Ethical Hacker

Certification Validation No: ECC4159027863 Valid Till 2025

## English Proficiency Certificate / Virtual University

## ISO/IEC 270001 Information Security Associate / SkillFront

Certification ID: 09557060321968 From 19 April 2022 To Lifetime.



### KEY PROJECTS

IMPLEMENTATION OF ERP SYSTEM, CENTRALIZED WIRELESS INTERNET ALL PAKISTAN IN EMPG , NETWORK DESIGN, INFRASTRUCTURE DESIGN , WEBSITE DESIGN

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## References

Can be furnished on demand