

Mohammad Ahmad

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Objective

A dedicated, professional and an accomplished Information Technology person with extensive knowledge of IT with over 12+ years of experience in information security and digital forensics. Expert with a wide variety of security, networking, and operating system software handling. Possesses good knowledge in Information Technology as well as teaching also.

Specific Specialization: -Computer Networks

General Specialization: - Wireless Networks, Network Security and Cisco Technologies.

Alma Mater :

- ❖ M.Sc. Information Technology from Manav Bharti university Himachal Pradesh in 2010
- ❖ P.G.D.C.A. (p.g dip. in computer application) from Jamia Millia Islamia New Delhi in 2008
- ❖ Bachelor of Computers from Punjab University in 2007
- ❖ Diploma in enterprise network security and management from I.A.C.M New Delhi in 2006
- ❖ Bachelor of Hons. from Jamia Millia Islamia New Delhi in 2003
- ❖ Intermediate (10+2) from C.B.S.E. lajpat nagar, New Delhi in 2000

Certification and Verification codes

MICROSOFT TECHNOLOGY

MCSE SERVER 2003 CERTIFIED ID:-MCP-3612637

(<https://mcp.microsoft.com/authenticate/validatemcp.aspx>.)

Transcript ID - 884571

Access Code - 10CFCB63

CISCO TECHNOLOGY

CCNA CERTIFIED ID: - CSC011758589 CCNA in Routing & Switching

Validates this certificate's authenticity at

www.cisco.com/go/verifycertificate Certification Verification No. S31FZPLPPL1QQ839

CCNP CERTIFIED ID: - CSC011758589 CCNP in Routing & Switching Validates this certificate's authenticity at www.cisco.com/go/verifycertificate Certification Verification No. 416864173703FKUH

CCNA CERTIFIED ID: - CSC011758589 CCNA in Network Security. Validates this certificate's authenticity at <https://www.certmetrics.com/cisco/public/verification.aspx> Certification Verification No:- 433384169481GLBN

CISCO CYBER-SECURITY ESSENTIALS completed in Nov.2019

CISCO INTRODUCTION TO THE INTERNET OF THINGS 2.0 EN 201807 in Nov.2019

FORTINET TECHNOLOGY

FORTINET NETWORK SECURITY ASSOCIATE certification NSE 1 Certification Number- https://training.fortinet.com/mod/customcert/verify_certificate.php Code-PaxF3U4AZW (2020).

HUAWEI TECHNOLOGY

Huawei Certified ICT Associate -Routing & Switching (HCIA.) in 2021
<http://support.huawei.com/learning/verifycertificate>
Certificate No.-01010010171980841861806338

Huawei Certified ICT Professional-Routing & Switching (HCIP.) in 2021
<http://support.huawei.com/learning/verifycertificate>
Certificate No.-010200103808418331409

AWS Certified Solutions Architect – Associate

Validate at <https://aw.certmetrics.com/amazon/public/verification.aspx>

Validation Number M0ZXJ8D2QFE11HK5

Additional Training:

Cisco LAN Switch Configuration	Advanced Cisco Router Configuration
Cisco Certified Network Associate	Cisco Internet work Design
Cisco Certified Network Professional	Cisco Internet work Troubleshooting
Making routes of OFC with Garmin GPS device of entire campus and putting them on Google maps	

Teaching and IT dept. Work in Shaqra University

For more than 8+ years teaching computer science students at graduation level in shaqra university and assisting them in their projects and guiding them for the jobs in the market and also providing them counseling and motivational skills and also preparing them for the interviews what kind of questions can be asked.

Worked with university's IT dept. and managing entire network activity and management of 7 locations in different cities.

Professional strengths:

- Possess 12+ years of professional experience as Information and Technology Lecturer
- In-depth knowledge of latest IT technologies
- Possess good communication and team spirit
- Knowledge of Operating Systems, Concepts and Data Communication systems
- Familiar with concepts like System and Design, E-Commerce and Project Management
- Possess excellent teaching and monitoring skills
- Ability to complete assigned course within limited time period
- Familiar with the policies and guidelines of university
- Ability to explain technical concepts and ideas in a clear and precise way
- Self-motivator and an excellent team player.

Professional Experience

- 1- Taught concepts like Network Applications, Electronic Commerce and OS.
- 2- Responsible for designing IT courses like preparing syllabus and course requirements
- 3- Handled the tasks of establishing structure & content of discussion section.
- 4- Responsible for providing guidelines to students to help the complete course projects.
- 5- Presented various types of learning materials in the form of audio, books and visual trainings
- 6- Performed other tasks as assigned Handled the tasks of instructing students on the Maintenance and upgrade of software.
- 7- Responsible for teaching networking applications like installing programs & features.
- 8- Assigned the tasks of purchasing software licenses and licensing agreements from vendors

Technical Skills:

MCSE (Win Server 2003 Win and Server 2008 R2 Enterprise Edition)

- 1- Managing Backup and Restore, Configuring Client & Server architecture.
- 2 -Servers IBM X-3650 M3,HP Proliant ML-350,HP Proliant DL-380GS Dell PowerEdge R710
Creating & managing users.
- 3 - Creating Groups & Computers accounts.
- 4 - Implementing, Configuring and troubleshooting DHCP, DNS, RIS, Services.
- 5 - Implementing, managing and troubleshooting Devices and Drivers.
- 6 - Managing and troubleshooting Desktop Environment.
- 7 - Managing and handling Server Environment.
- 8 - Installing, managing and troubleshooting Active Directory Services

(CISCO SWITCHES ,2900,2950,2960,3560,3750,4500 SERIES.)

- 1 - Configuring Router and Switches. & security file management, Disaster Recovery
- 2 - Performing Backup and Restore of IOS.whatsup gold a monitor of network performance and
Availability
- 3 - Enabling and troubleshooting PROTOCOLS, NAT, EIGRP, OSPF, SNMP, and VLAN.
- 4 - VLAN'S, L2/L3 Switching Creating and managing Access lists.
- 5 - Configuring wireless LAN cards & Access points with 802.11 a/b/g/n technology

Networking Devices I have used:

- 1 - **Core Switches:** Cisco 4006, Cisco 4507R,4500 X Series.
- 2 - **Zonal Switches:** Cisco 3500,3550,3750.
- 3- Avaya wireless controller 8100,
- 4- Avaya Switches 4524 GT- Access points 8120 & Avaya NMS and POE Switches.
- 5 - **Access Switches:** Cisco 2960,TSL,TDL,PDL, Cisco 2950, Cisco 2924 MXL, Cisco500 series
- 6 - LRE , POT Splitter and CPE for LRE connectivity Cisco PIX Firewall 515E
- 7 - Cisco 2600 series router configured as RAS, Cisco 1700 Router Cisco 1100 & 1200 APs
- 8 - Fiber Module: 1000Base SX, 1000Base LX, Cisco SFP, LC connector LX/LH transceiver

9 - Wireless components: Cisco Access Points 1100 and 1200 series, AIR-Bridge 1310G, Yagi Mast Mount

10 - Antenna, power Injectors ,Both type of Fiber (single-mode and multimode), ST, SC, LC type connector's

11 -Fiber patch chords, UTP Cables (CAT6, CAT5) Structured cabling etc.

Past Responsibility:

1- Monitors and diagnoses problems that are affecting our network performance

2 -Installation of Wi-max and sector antennas connecting access points for Wi-Fi access in campus

3-Creating point to point link & multi points links through RUCKUS, RADWIN, AIRSPAN, UBIQUITY.

4 -Which are providing remote connectivity in campus. Also to assists the P.G. level students in their projects and teach them about advance networking & wireless technologies etc.

Video Conferencing Devices

1- Worked VC devices like Tandberg mxp-3000.

2-: Polycomm-hdx-4500.

3-: Radvision-scopia-XT-5000.

4-: Huawei TE30 All-in-One HD Videoconferencing Endpoint.

Projects

1-: Implementation of entire campus LAN and WIFI installation in Sajar city KSA including active and passive network we have used Huawei switches.

This project is actually long overdue, I'm very pleased that I got to play a role in helping bring it to fruition. More and more each day we depend on internet access as our tether and our lifeline at scales that range to time to time upgrades.

2-: Worked on Jamia Milla Islamia university's campus Wi-Fi project which was having 1000+ access points PoE and normal switches entire active and passive networking designing, implantation, testing, deployment and documentation.

Network Support, Management and Development.

FORCEPOINT

Worked on Forcepoint device that has Secure Access Service Edge (SASE) is a new, unified way to safeguard your use of web, cloud, and private applications without the hassles of point products.

Forcepoint takes SASE even further, combining true, enterprise-class data loss prevention with secure.

CYBEROAM UTM APPLIANCE *now Sophos*

worked on a network that has near about 7200 nodes and managing this kind of network has its own complexities to deal with it we have used CYBEROAM 1500ia UTM appliances integrate multiple security features like Firewall, VPN, Intrusion Prevention System, Anti-Virus Layer 7 Visibility & Control, Bandwidth Management, Multiple Link Management, and more on a single platform.

A little summary about the device: -

ForeScout CounterACT (NAC):- For Network Access Control is an automated security control platform. That lets you see, monitor, and control everything on your network—all devices, all operating systems, all Applications, all users. ForeScout Counter ACT lets employees, contractors, and guests remain productive on your network while you protect critical network resources and sensitive data. Best of all, Fore scout doesn't rely on agents or 802.1X. It uses a combination of 20+ passive and active techniques for granular visibility, with options to use passive-only methods for sensitive and critical infrastructure environments. You gain comprehensive visibility of all devices within days, and policy-based controls are often functional within weeks.

A little summary about the device:-

The NIKSUN NetDetector :-Alpine is a full-featured appliance for network E- security monitoring. It is the only security monitoring appliance that integrates signature-based IDS (*intrusion detection system*) functionality with statistical anomaly detection, analytics and deep forensics with web reconstruction and packet level decodes. It is the industry's best security monitoring and forensics appliance to safeguard against increasingly sophisticated cyber-attacks.

Paper published

- 1:- Cloud Computing: The Future of Cost Effective and Enterprise Friendly Computing
Published by : International Journal of Engineering Research & Technology (IJERT)
ISSN: 2278-0181 Vol. 6 Issue 12, December – 2017, Mohammad Ahmad Mohammad
Nasimuddin Department of Computer Sc. College of Science & Arts,Sajar Campus Shaqra
University, KSA
- 2:- Managing Data Replication in Mobile Ad-Hoc Network Databases Using Content Based Energy
Optimization in Mediterranean Journal of Basic and Applied Sciences (MJBAS) Volume 1, Issue
1,Pages 142-154, October-December 2017 Article Published: 14 December 2017
Lecturer, Department of Computer Science, Shaqra University, Saudi Arabia.
- 3:- Paper on Security System for Bluetooth Networks & Blue-web Security System International
Journal of Engineering Applied Sciences and Technology,
2018 Vol. 3, Issue 5, ISSN No. 2455-2143, Pages 71-74 Published Online September 2018 in
IJEAST Mohammad Ahmad Mohammad Nasimuddin Department of Computer Sc. College of
Science & Arts,Sajar Campus Shaqra University, KSA
- 4:- Paper on Prevention of Web-Form Spamming for Cloud Based Applications: A Proposed Model
Published in: 2019 Amity International Conference on Artificial Intelligence (AICAI)
Date of Conference: 4-6 Feb. 2019 Date Added to IEEE Xplore: 29 April 2019
ISBN Information: Electronic ISBN: 978-1-5386-9346-9 CD-ROM ISBN: 978-1-5386-9345-2
<https://ieeexplore.ieee.org/document/8701302>
- 5- INTERNET OF THINGS (IOT) BASED EDUCATIONAL ISSN (Online) : 2454 -7190 Vol.-15, No.-
3, March (2020) pp 271-284 ISSN (Print) 0973-8975 JOURNAL OF MECHANICS OF CONTINUA AND
MATHEMATICAL SCIENCES. [https://www.journalimcms.org/journal/internet-of-things-iot-based-
educational-data-mining-edm-system/](https://www.journalimcms.org/journal/internet-of-things-iot-based-educational-data-mining-edm-system/) www.journalimcms.org.
- 6- “Development of Mubadarah System- An Intelligent System for proposals at a University”
© 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy
ICCIKE'2021 March 17-18, 2021, Amity University Dubai Publishing in May, 2021
- 7- Development of Medidrone: A Drone based Emergency Service System for Saudi Arabian
Healthcare” © 2nd IEEE International Conference on Computational Intelligence and
Knowledge Economy ICCIKE'2021 March 17-18, 2021, Amity University Dubai Publishing in May,
2021
- 8:- Development of Intelligent Alumni Management System for Universities in Asian Journal of
Basic Science & Research Volume 3, Issue 2, June 2021 [https://ajbsr.net/data/uploads/77626\(1\).pdf](https://ajbsr.net/data/uploads/77626(1).pdf)

Conferences Attained:

National Conference on OSACC “Open Source Application and Cloud computing” conducted by FTK-CIT, Jamia Millia Islamia, NEW DELHI

1:- Patent:-

Patent number: 2020101787. Issue date 2.sept.2020. Issuing authority (IP Australia) Australian Government.

Title of invention:

DATA SECURITY FOR DISTRIBUTED STREAMING DATA COLLECTION SYSTEM USING PROVENANCE MODEL. Term of Patent: Eight years from 2 September 2020

Verification at :-

<http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2020101787&resultsPerPage=>

2:- Name of Article: INTERNET OF THINGS BASED FINANCIAL DATA MANAGING DEVICE IN BANK.

Issuing authority:- Government of India, Controller General of patents, design and trademarks Department of industrial policy and promotion Ministry of Commerce and Industry

Design Number: 359269-001 *Filing Date:* 24/02/2022

Type of Application: ORDINARY Class: Subclass: 14-02 Convention Country/IGO :

Reciprocity Date: Notification Date: 29/04/2022 :

Verification at: Design Application Status (ipindia.gov.in) Key:- 359269-001

Experience:

- 1:- From August 2015 to till date working as a lecturer in Shaqra University Riyadh Region KSA
- 2:- From NOV.2011 TO August 2015 worked as a Technical Assistant in FTK-Center for Information Technology in Jamia Millia Islamia (Central University) in New Delhi 110025
- 3:- From Jul. 2008 to Nov. 2011 worked as a lecturer Institute of advance computing & management in New Delhi

Personal Detail:

Father's Name	Mr. Mohammad Nasimuddin
Date of Birth	10 July 1983
Marital Status	Married
Language known	Hindi, English,Urdu.Arabic
Passport no	L1831633
Sex	Male
Nationality	INDIAN

transferable Iqama:	Yes
Current location;	Shaqra city Riyadh province

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Mohammad Ahmad.

Date :- November 29, 2023