

## PERSONAL INFORMATION

**Hafiz Muhammad Attaullah**

📍 House No 857/8, bwp lines, Malir Cantt Karachi

☎ +923163116336 📠 +923070031630

✉ [attaullahshafiq10@gmail.com](mailto:attaullahshafiq10@gmail.com) [attaullah@ieee.org](mailto:attaullah@ieee.org)

🌐 [www.attaullah.dawaat.org](http://www.attaullah.dawaat.org) [www.attaullahshafiq10.github.io](http://www.attaullahshafiq10.github.io)

🐙 [www.github.com/attaullahshafiq10](https://www.github.com/attaullahshafiq10)

🌐 [www.linkedin.com/in/attaullahshafiq10](https://www.linkedin.com/in/attaullahshafiq10)

📅 **Date of birth** 10 october 1998 | **Nationality** Pakistani

## WORK EXPERIENCE

Feb 2022 – Present

**Cyber Security Consultant**

GreensFin Pvt Ltd (Greens Group of Companies)

To assess the organization's computer systems, web servers, network, and software for vulnerabilities, then design and implement the best security solutions for the needs of the company. If a cyberattack does happen, will respond and mitigate the damage.

January 2021 – Present

**Cisco Certified Instructor - CCAI**

Cisco (Instructor ID: 1023969502)

As an instructor for active participation in Cisco Networking Academy over a period of 1 year. And growing dedication to the program and increased impact on the lives of more than 100 students in which they live.

January 2021 – Present

**Microsoft Certified Trainer (MCT)**

Microsoft (MC ID: 990364029)

– Microsoft Certified Trainer (MCT) Program grants membership to professional trainers and learning consultants who demonstrate and maintain technical and instructional expertise on Microsoft technologies

April 2021 – Dec 2021

**Faculty Lead (Network and Cloud Security)**

National Vocational and Technical Training Commission

NAVTTTC is the apex body for technical education and vocational training in the country mandated by Govt of Pakistan to provide for regulations, coordination, and policy direction for vocational and technical training

October 2021 – Present

**AWS Community Builder**

Amazon Web Services

The program provides technical resources, mentorship, and networking opportunities to AWS enthusiasts and emerging thought leaders. Who are also passionate about sharing knowledge and interacting with the technical community.

2021

**Subject Matter Expert - CertiProf**

CertiProf

To provide industry expertise to develop and maintain CertProf certifications. Input from IT professionals working in the field the development of relevant and thought-provoking content. To review items associated with emerging technology certifications such as skills, best practices, and micro-credentials for IT, Business, and Security professionals. An Officially CertiProf's keynote speaker, blog contributor, and many more!

**2021 Network Trainee**

Data Center (sRA/LA-POP, PERN2 HEC), University of Sindh, Jamshoro

**2021 Section Lead**

IEEE Xtreme 15.0 (ID: IEEEEXTREME15463)

Working as section lead for IEEE Xtreme, which is a global challenge in which teams of IEEE Student members – advised and proctored by an IEEE member, and often supported by an IEEE Student Branch – compete against each other to solve a set of programming problems.

**2020 - 2021 Technical Lead**

Google Developer Student Club

Worked as Technical lead for Google DSC Lead, and arranged more than 15 webinars for community

**2020 and 2021 Telecommunication Intern**

SysTech Engg: Solutions and Radio Pakistan

Working in a research team carrying out in-depth qualitative evaluation of Advanced Training in these two organizations in-depth networking and security challenges..

**EDUCATION AND TRAINING****2022–Present Master of Science in Information Security**

NED UET, Karachi

**2018–2021 Bachelor of Science in Telecommunication Engineering**

Faculty of Engineering and Technology, University of Sindh, Jamshoro

**Thesis/Project** – Exploiting UoS Web Server and Enterprise Network Vulnerabilities with Penetration Testing

**Awards:** – 1st Prize (Best Project Award) in Faculty of Engineering and Technology, UoS and Silver Medalist  
– Silver Medalist

**PERSONAL SKILLS**

**Technical Skills**

- Hands on with various ML/AI and Cloud based projects on Python and MATLAB. Also on Network and Hardware troubleshooting
- Designed various antennas for wireless communication using HFSS.
- SecOps operations, including bug bounty
- Configure and maintain various service provider technologies, including MPLS, Multicast, QoS and L2/L3 VPNs. And various routing protocols, including RIPv2, EIGRP, OSPF, IS-IS and BGP.
- Configure and maintain various switching technologies, including VLANs, STP, VTP and Ether-channel.
- Configure and maintain WAN connections and various network security solutions including Cisco ACS and ISE, Arbor/Genie anti-DDoS, Infoblox DNS, firewalls and IPS.
- Install, configure, and administrate Cisco networking products (NX 9K, NX 7K, NX 5K, NX 2K, 29xx, 38xx, 65xx, 37xx, 68xx for the switches and 800, 19xx, 39xx, 49xx, 72xx, 73xx, ASR 1K, ISR 43xx, ASR 9K for the routers).
- Install, configure, and administrate Huawei networking products (NE40E, NE20E-8, AR 19xx series, AR 29xx series, AR 49xx series for Routers and S93xx, S33xx series, S23xx series Switches).
- Install, configure, and administrate network security products (Fortigate UTM, ASA FWs, FTD NGFWs, PA FWs and Huawei FWs).
- Familiar with python scripts to maintain network change and verification tasks.

- Developer Tools** – VS Code, Eclipse, Microsoft Azure, Google Cloud Platform, Aviatrix Multi cloud
- Simulators** – MATLAB/Simulink, Python, Cisco Packet Tracer, GNS3, EVE-Ng, HFSS, Edsim, Kiel, Proteus, Multisim, EL Workbench, LABVIEW.
- Technologies/Frameworks** – Linux (Ubuntu, Kali Linux, Parrot Security), GitHub (Pro Contributor), Kaggle, WordPress, Overleaf/LaTeX
- Soft Skills** – Excellent written and verbal communication skills, Highly organized, Punctual and Self Motivated, Ability to work independently or as part of a team
- Organisational / managerial skills** – Organised more than 15 seminar series on various technical topics sponsored by Google DSC, MLISA, Cisco and DeepLearning.AI  
– Taught CCNAv7, PCAP, Network Essentials sponsored by ByteIT Academy, sponsored by Cisco network academy (Netacad)

## PROFESSIONAL CERTIFICATION

- Microsoft** – Microsoft Certified: Azure Administrator Associate (AZ-104)  
– Microsoft Certified: Security Operations Analyst Associate (SC-200)  
– Microsoft Certified: Azure Fundamentals (Exam AZ-900)  
– Microsoft 365 Certified: Fundamentals (Exam MS-900)  
– Microsoft Certified: Azure AI Fundamentals (Exam AI-900)
- Cisco** – CCNA-Cisco Certified Network Associate  
– CyberOps Associates  
– DevNet Associates
- Aviatrix** – Aviatrix Certified Engineer – Multi-Cloud Network Associates - ACE
- Google** – Google IT Support-Professional Certificate  
– Architecting with Google Compute Engine-Specialization
- IBM** – IBM Cybersecurity Analyst Professional Certificate  
– Enterprise Design Thinking - Team Essentials for AI

## PROJECTS

- Exploiting vulnerabilities of UoS for web servers and enterprise network)
- Sentiment Analysis for an Android application
- Image and Video Detection, Recognition and Tracking System
- Artificially Path Knowing in Environments of Different Complexity
- Cloud Seekho challenge (Session 1, 2, 3)
- XOR Learning Neural Network
- IP based Push To Talk on a Mobile Phone

## PUBLICATIONS

- [1] Hafiz Muhammad Attaullah, Rahat Ali Khan, and Shaheryar Mughal. "Cyber security for Industrial Control System—A Survey". In: *iKSP Journal of Emerging Trends in Basic and Applied Sciences* 1.1 (2021).
- [2] Hafiz Muhammad Attaullah and Iftikhar Ahmed Javed. "Wireless Robotic car control through human interface using eye movement". In: *Interdisciplinary Journal of Applied and Basic Subjects* 1.9 (2021).
- [3] Hafiz Muhammad Attaullah, Shahzad Memon, and Nisar Ahmed Memon. "IoT Based Systems and Services: Recent Security concerns and Feasible Solutions". In: *Global Conference on Wireless and Optical Technologies 2021 (GCWOT'21)* (2021).
- [4] Hafiz Muhammad Attaullah, Nisar Ahmed Memon, Shahzad Memon, and Shariq Mahmood Khan. "Smart Contracts for development of a Secure Digital Healthcare Systems". In: 11.10 (2022).