



AYESHA SOHAIL

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ABOUT ME

I am a telecom engineering student who's eager to blend what I've learned in theory with real hands-on experience from internships that matter. I'm really interested in the latest technologies, how networks work, and how data moves smoothly. I'm committed to making meaningful contributions to the world of telecommunications, and I'm ready to handle challenges with confidence. I'm actively looking for chances to learn a lot and grow professionally in a dynamic environment.

EDUCATION AND TRAINING

TELECOMMUNICATION ENGINEER MUET

1. Networking Protocols: Understanding and working with various networking protocols, such as TCP/IP, UDP, etc.
2. Signal Processing: Analyzing and processing signals for effective communication and data transmission.
3. Digital Communication: Designing and working with digital communication systems, including modulation and coding techniques.
4. Wireless Communication: Understanding wireless communication technologies, including mobile networks and protocols (e.g., 4G, 5G).
5. Telecommunication Systems Design: designing and optimizing telecommunication systems for efficient data and voice transmission.
6. Fiber Optic Communication: Knowledge of fiber optic technology and its applications in high-speed data transmission.
7. Network Security: Understanding security measures and protocols to protect telecommunication networks from potential threats.
8. Data Compression: Knowledge of techniques for data compression to optimize bandwidth usage.
9. Project Management: Developing project management skills to plan and execute telecommunication projects effectively.
10. Problem-Solving: Developing problem-solving skills to troubleshoot and resolve issues in telecommunication systems.
11. Team Collaboration: Collaborating with multidisciplinary teams for the design and implementation of complex telecommunication projects.
12. Analog Electronics: Understanding analog electronic components and circuits used in telecommunication systems.
13. Antenna Design: Designing and optimizing antennas for efficient signal transmission and reception.
14. Communication Protocols: Knowledge of various communication protocols used in telecommunication, including VoIP (Voice over Internet Protocol).
15. Ethical and Legal Considerations: Understanding the ethical and legal aspects of telecommunication engineering, including privacy and compliance with regulations.

Address jamshoro, sindh pakistan, 71000 | **Website** <https://www.mueta.edu.pk/> |

Field of study Information and Communication Technologies (ICTs) not further defined | **Final grade** A+ |

Thesis Machine Learning Based Intrusion Detection System (IDS) for IoT devices

Pakistan

DILPOMA IN INTERNET OF THINGS (IOT) Muet

Website <https://www.mueta.edu.pk/>

Pakistan

CERTIFICATION IN MICROSOFT AZURE Microsoft

Website <https://www.microsoft.com/en-pk>

Pakistan

CERTIFICATION IN DYNAMICS 365 (D365) Microsoft

Website <https://www.microsoft.com/en-pk>

Pakistan

CERTIFICATION IN HUAWEI CERTIFIED ICT ASSOCIATE (HCIA) Huawei

Website <https://e.huawei.com/en/talent/cert/#/careerCert>

Pakistan

PARTICIPATION IN INFORMATION COMMUNICATION TECHNOLOGY (ICT) COMPETITION Huawei ICT Academy

Website <https://www.huawei.com/en/>

● **DIGITAL SKILLS**

Graphic designer | content writer | coding | Internet user | Microsoft D365 | Social Media | programming | Microsoft Powerpoint | Microsoft Office | microsoft dynamics365 | Microsoft Certified: Azure Virtual Desktop Specialty | Azure and AWS | Radio Frequency planning | Research and Grant Management | Research and Development | Cloud computing | TCP/IP protocols. | OSI model. | Computer networks: LAN, MAN, WAN. | IT support | knowledge of hardware and software of computer | creativity

Communication Skills

Team work oriented | critical thinking | planning skills | Decision-making | Good listener and communicator | management skills | Responsibility | Interpersonal intelligence.
