

Maheen Ayesha

Personal Information

📍 Sahiwal, Pakistan 📞 +923324568344 ✉ m.ayesha313.98@email.com

EDUCATION

Masters in Computer Science (MCS)

Information Technology University (ITU)

📅 2021 – 2023 📍 LAHORE, PAKISTAN

Thesis: Performance Evaluation of Multichain Platform

Coursework: Blockchain, Cybersecurity, Deep Learning, Big Data Analytics

Bachelors in Computer Science (BSCS)

National University for Computer and Emerging Sciences (NUCES-FAST)

📅 2015 – 2019 📍 LAHORE, PAKISTAN

Thesis: Blockchain Secured User Profiling for Personalized Services

Coursework: Data Science, Network Security, Data Structures, OOP, Algorithms

RELEVANT PROFESSIONAL EXPERIENCE

Lecturer

University of Sahiwal

📅 03/2026 – present 📍 SAHIWAL, PAKISTAN

Lecturer

Riphah International University, Sahiwal

📅 09/2025 – 05/2026 📍 SAHIWAL, PAKISTAN

Research and Development Engineer

National Center for Cybersecurity (NCCS)

📅 2021 – 2023 📍 LAHORE, PAKISTAN

- MERN Stack Development: Led backend development for an E-stamp online registration website, ensuring seamless data handling and storage.
- Blockchain Security: Implemented and optimized blockchain technology to enhance security, address performance bottlenecks and enable real-time data tracking.
- Data Validation Pipeline: Developed a robust data validation pipeline, ensuring secure and accurate data transactions from frontend to blockchain and database.

Software Engineer

Ibex, Fieldforce

📅 2019 – 2021 📍 LAHORE, PAKISTAN

- Robust Form-Builder Development: Collaborated with the VP of Engineering on a MEAN stack project, to develop a versatile tool, implementing modular fields with configurable options and extending functionalities.
- Real-Time Analytics: Integrated Metabase for real-time analytics, creating a new dashboard with project and asset management reports.
- Enhanced User Management: Improved the login process with new designs and upgraded to Angular modules, enhancing validations and user management functionalities.
- System Upgrade: Promoted to the architecture team to upgrade the Angular version, revamping modules and leading the development of a comprehensive user onboarding experience.

Publications

Performance Evaluation of Multichain platform for Critical Data Storage Application

Peer-to-Peer Networking and Applications Springer

Ethereum-Based Smart Legal Contracts for Enforcing Workplace Harassment Legislation: A Blockchain Framework Advancing SDG 5 and 8 in South Asia
Computer Law & Security Review: The International Journal of Technology Law and Practice