

# SHAHZAIB HAMZA

SOFTWARE ENGINEER

## CONTACT

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## SUMMARY

Software Engineering graduate and experienced educator with a solid foundation in software development, business analytics, and system management. Skilled in translating complex technical concepts into practical solutions and leading academic projects with efficiency. Passionate about applying engineering expertise in real-world, data-driven environments. Currently transitioning from academia to industry to contribute to innovation and technology-driven strategies in the financial sector.

## SKILLS

### PROFESSIONAL

- Python & C++ (including Advanced Python for data handling and automation)
- Business Analytics & Problem Solving
- Node.js (backend development, API design)
- SQL & NoSQL Databases (MySQL, MongoDB)
- Web & Android App Technologies
- Git & Version Control
- Data Visualization (Matplotlib, Seaborn, Pandas)

## EDUCATION

- BS SOFTWARE ENGINEERING**  
Muhammad Ali Jinnah University (MAJU) [CGPA: 3.47]  
Sep 2020 - July 2025
- INTER IN COMPUTER SCIENCE**  
SM Govt Science College  
2018 - 2020

## WORKING EXPERIENCE

### VISITING LECTURER

Denning University | Apr 2025 - Present

- Lecturer at the Dunning Department of Artificial Intelligence and Computer Sciences, delivering University of London's BSc Software Engineering curriculum. Teaching hands-on courses in Databases, Computer Networks, and Web Development with a focus on practical tools like Node.js. Also lead theoretical modules such as Fundamentals of Computer Science (covering Finite Automata and Turing Machines) and Algorithms & Data Structures 2, emphasizing algorithm analysis and advanced data structures.

### VISITING LECTURER

MiTE University | Feb 2025 - Present

- Visiting Faculty at MITE University, teaching in international programs with a focus on CORLI-accredited coursework. Deliver courses in Python Programming and Advanced Python Programming, emphasizing practical problem-solving, software design principles, and real-world application development.

### JUNIOR LECTURER

Indus University | Oct 2024 - Feb 2025

- Served as Junior Lecturer at Indus University, teaching core programming courses in Python and C++ to evening program students, including working professionals. Focused on industry-relevant practices, hands-on coding, and foundational software development skills.