IBRAHIM AHMED MALIK

📱+92 3373183513 • ✉ iamalik2005@gmail.com
LinkedIn: linkedin.com/in/ibrahim-ahmed05   GitHub: github.com/ibrahim-ahmed05

Objective

I am a Computer Science undergraduate with a strong foundation in software development and data science. Proficient in languages like C++, JavaScript, and Python, I am passionate about learning new technologies and applying innovative solutions to real-world challenges. Seeking opportunities to grow and contribute in the fields of software development and artificial intelligence.

Education

National University of Computer and Emerging Sciences   **Karachi, Pakistan**
Bachelors in Computer Science   *August 2022 – June 2026*
CGPA: 3.15/4

Relevant Coursework: Programming Fundamentals, Object-Oriented Programming, Data Structures, Operating Systems, Software Engineering, Artificial Intelligence, Data Science, Database management sysem, Computer Networks.
Honors and Awards: Dean's list holder at FAST-NUCES for securing 3.5+ SGPA.

Pakistan International School   **Jeddah, Saudi Arabia**
Pre Engineering   *August 2008 – June 2022*
Honors and Awards: Overall first position in intermediate.

Skills Summary

Programming Languages: C/C++, JavaScript, Python, Sql.
Frameworks: React JS, Angular, Node JS, Pandas, Bootstrap, Material UI.
Core Skills: Data Structures, Object Oriented Programming, Data Science, Database, AI/ML.
Tools: Papyrus, Oracle, MS Office, VS Code, Wireshark, Logic Works, CISCO Packet Tracer.
Soft Skills: Team Work, Management, Problem Solving, Communication.

Work Experience

Teaching Assistant — FAST-NUCES   2025-Present
Computer Architecture Course
- Assisting in delivering lectures and explaining complex concepts to students.
- Conducting lab sessions and grading assignments/quizzes to ensure student learning.
- Providing one-on-one support to students struggling with architectural concepts.

Projects

AiR Travel [LINK]
○ Built using MySQL, Express.js, Angular, and Node.js to ensure a robust and scalable flight booking system.
○ Implemented JWT authentication, and features like flight search, booking, and ticket management.

Gym and Fitness Website [LINK]
○ Developed using React.js and Bootstrap to create a responsive and interactive fitness platform.
○ Integrated BMI calculator and personalized fitness tracking for an engaging user experience.

Advanced Phone Directory [LINK]
○ Implemented using data structures like Stack, Queue, Heap, Trees, and Linked Lists for efficient contact management.
○ Designed a user-friendly interface with features like Hashing and Binary Search for optimized searching.

Thoughtify [LINK]
○ Developed using MySql, Express.js, React.js, and Node.js to build a social interaction platform.
○ Enabled users to authenticate, share thoughts, interact with posts, and explore user-generated content.

Flight Management System [LINK]
○ Developed in C++ using OOP principles to ensure modularity and maintainability.
○ Designed a system with secure login, signup, flight booking, and ticket printing functionalities.