

Muhammad Bilal Shaikh

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PROFESSIONAL SUMMARY

Motivated and curious BS Software Engineering student with a solid foundation in web development, especially using the MERN stack. Eager to apply academic knowledge to real-world projects and gain hands-on experience in a professional environment. I am passionate about learning new technologies and contributing to meaningful software solutions.

EDUCATION

BS Software Engineering — University Of Karachi, Karachi
Degree Completion: November 2026

UNIVERSITY CURRICULUM COURSES

- **Programming Fundamentals:** Studied Python, problem-solving with variables, structures, arrays, and functions
- **Information and Communication Technology:** Knowledge of hardware, AI, Computer Vision, Data Privacy, Security, HTML, and CSS
- **Object-Oriented Programming:** Proficient in Java OOP, applying classes, polymorphism, encapsulation, and inheritance
- **Data Structures & Algorithms:** Strong grasp of arrays, linked lists, stacks, queues, trees, hash tables, graphs, and sorting techniques
- **Human-Computer Interaction:** Understanding of UI design principles, accessibility, and prototyping
- **Software Requirements Engineering:** Skilled in gathering, specifying, and analyzing software/system requirements
- **Database Management Systems:** Proficient in SQL, database design, normalization, and transaction management
- **Computer Networks:** Knowledge of network protocols, TCP/IP, OSI model, routing, and security
- **Operating Systems:** Understanding of OS concepts, process/memory management, file systems, and concurrency

PROJECTS

Food Panda Clone(Front End)

- Designed and developed a full website of Food Panda
- Created a clean, responsive UI to showcase services and departments
- Deployed on live server: <https://food-panda-sigma.vercel.app/>

SKILLS

Languages: JavaScript, HTML, CSS, C++,Java ,Python.

Frameworks/Libraries: React, Next.js, Express.js.

Databases: MySQL, MongoDB

Tools: Git, GitHub, VS Code, Postman