

MUHAMMAD SACHAL

Software Developer

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✉ <https://sachal2508.github.io>

📍 Marghazar Colony, LAhore

PROFILE

Motivated Computer Science student at FAST National University with hands-on experience in Python, C/C++, Node.js, and AI-based applications. Built multiple academic and personal projects including an AI voice assistant, e-commerce platform, and system-level games. Strong in problem solving, OOP, and data structures, with a keen interest in software engineering and emerging technologies.

EDUCATION

Fast (NUCES) | 2023-2027

BS CS

Currently pursuing the degree, focusing on software development, AI and computer science fundamentals.

Govt. College Graduate of Science | 2021-2023

Intermediate, Pre-Engineering

Completed with Grade A, emphasizing mathematics, physics, and foundational engineering concepts.

PROJECTS & PRACTICAL EXPERIENCE

AI-Quran Islamic Android Application

Developed a comprehensive Islamic mobile app that offers the Quran with multiple translations and recitations, enabling users to download audio for offline listening. The app also features Hadith collections, Qibla direction, prayer times, an Islamic calendar, and interactive Duas and Tasbeeh widgets, all wrapped in a user-friendly interface designed to support daily religious practices.

Gym Management & POS System with Face Recognition

Created a full-featured gym management and point-of-sale system that streamlines membership management, payments, and attendance tracking. The system integrates advanced face detection and recognition technology to automatically mark attendance, enhancing accuracy and minimizing manual effort through efficient computer vision implementation.

Tailor Shop POS System (Desktop Application)

Designed and developed a desktop-based POS system tailored for managing a tailor shop's daily operations. The application handles customer records, measurements, orders, billing, and tracks order status while generating detailed receipts. It also supports additional customer requirements, providing a complete automation solution for tailoring business management.

SKILLS

- C, C++
- Python
- C#, DotNET
- Node.js, React.js
- HTML, CSS
- Julia
- Android App Development
- Desktop App Development
- AI/ML