



# Mustafa Iqbal

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## EDUCATION

### SZABIST University

Bachelor of Science in Computer Science

Focus: Cybersecurity

Cumulative GPA: 3.53 / 4.00

Relevant Coursework: Data Structure, Object Oriented, Operating Systems, Database Systems, Artificial Intelligence

Karachi-Pakistan

Expected Jun 2027

### Alpha College

High-School (A-Levels)

Subjects: Mathematics, Computer Science, Physics

Emphasis on analytical and problem-solving skills

Karachi-Pakistan

Jan 2021 – Jun 2023

## TECHNICAL EXPERIENCE

### Full-Stack GPA & CGPA Tracking Web Application (Node.js, PostgreSQL, Alpine.js)

Apr 2025 – Jun 2025

- Developed and deployed a full-stack academic tracking system used by 5,000+ students, ensuring 99.9% uptime.
- Built and optimized RESTful APIs, integrating NeonDB (cloud PostgreSQL) and achieving 30% faster query performance through indexing and schema design.
- Deployed via Firebase Hosting with scalable architecture for multi-department usage.

### Attendance Management Web Application (Node.js, PostgreSQL, EJS)

Jul 2025

- Engineered a secure attendance platform with role-based access control for administrators and faculty.
- Designed optimized SQL schemas with indexing, reducing query latency and improving system reliability.
- Created responsive EJS dashboards for login, class management, and attendance tracking with full CRUD functionality.

## UNIVERSITY PROJECTS

### Java Developer (Course Project)

Karachi-Pakistan

Restaurant Management System

Jan 2024

- Built a Java-based console application for order and billing management, reducing manual billing effort by 60%.
- Implemented secure login, menu CRUD, and automated receipt generation using 8 reusable OOP classes.

### Car Rental Management System (SZABIST Hackathon)

Dec 2023

- Delivered a working prototype in 48 hours, cutting booking flow time by 50%.
- Collaborated with 2 peers to implement booking, payment, and vehicle listing modules.
- Reached finalist position among 30+ teams at SZABIST Hackathon.

## Technical Skills

Programming Languages: Java (Advanced), Python, JavaScript (Node.js), SQL

Domains: Cybersecurity, RESTful API Development, Search Engine Optimization (SEO)

Frameworks/Libraries: Express.js, Alpine.js

Tools & Platforms: PostgreSQL, Firebase, Git, GitHub, VS Code, Semrush

Operating Systems: Windows, Linux (CLI Basics)

## Certifications

Google Cybersecurity Professional Certificate — (3/9 Modules)

In Progress

SEO Essentials — Semrush Academy

Aug 2025

Python Pro — Udemy,

Apr 2025

Linux for Beginners — Udemy,

July 2025