

# Mustafa Iqbal

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## EDUCATION

### SZABIST University

Bachelor of Science in Computer Science ~ CGPA(3.53/4.0)  
Relevant Coursework: DSA, OOP, OS, DBMS, AI

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

### 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.
- Featured Project available on github and live on portfolio.

### 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 for 5,000+ students with 99.9% uptime.
- Built RESTful APIs with PostgreSQL indexing, improving query performance by 30%.
- Deployed via Firebase Hosting with scalable architecture supporting multi-department usage.

## UNIVERSITY PROJECTS

### Java Restaurant Management System (Course Project)

Jan 2024

- Built a Java-based console application reducing manual billing effort by 60%.
- Implemented secure login, CRUD menus, and automated receipts with 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:** Java (Advanced), Python, JavaScript (Node.js), SQL

**Frameworks:** Express.js, Alpine.js, EJS

**Databases & Tools:** PostgreSQL, Firebase, Git/GitHub, VS Code, Semrush

**Domains:** Cybersecurity, RESTful APIs, SEO

**Operating Systems:** Windows, Linux (CLI)

## Certifications

Python Pro — Udemy

Apr 2025

Linux for Beginners — Udemy

July 2025

SEO Essentials — Semrush Academy

Aug 2025

Google Cybersecurity Professional Certificate

Sept 2025

## Volunteer & Activities

**Goethe Institute, Karachi (Volunteer, VR Section) :** Assisted in technical setup and troubleshooting for event participants.

**Hackathons & Competitions :** Participated in multiple coding and project-based challenges, enhancing teamwork and real-world problem-solving