

# Mustafa Iqbal

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## EDUCATION

### SZABIST University

Bachelor of Science in Computer Science - CGPA(3.53/4.0)

Karachi-Pakistan

Expected Jun 2027

## INTERNSHIP EXPERIENCE

### DUA Department – SZABIST University

(Dec 2025 – Present)

- Validated partner data integrity across institutional MoUs to ensure compliance and record accuracy.
- Streamlined secure documentation and audit trails, improving the efficiency of information retrieval.
- Synthesized operational metrics into structured reports to identify and communicate organizational risk.

## UNIVERSITY PROJECTS

### Airline Ticketing & Reservation Management System ASP.NET Core 8 MVC | MS SQL Server Oct 2025 – Jan 2026

- Developed a full-stack Airline Ticketing & Reservation System using ASP.NET Core 8 MVC, Entity Framework Core, and MS SQL Server following enterprise MVC architecture.
- Implemented role-based authentication (Admin, Passenger) with secure flight management, booking workflows, and seat availability tracking.
- Designed database-driven features including flight search, booking lifecycle management, PDF e-ticket generation, and revenue reporting using optimized queries.

### Cybersecurity Projects (Google Cybersecurity Professional Certificate (Coursera))

Aug 2025 – Sep 2025

- **SQL Filters:** Queried and filtered large datasets using SQL to detect anomalies and suspicious user activity in system logs. Applied conditional statements and logical operators to trace potential insider threats.
- **Incident Report Analysis:** Reviewed and documented a simulated cybersecurity breach using structured reporting practices. Identified key indicators of compromise (IOCs) and suggested mitigation strategies following NIST guidelines

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

Apr 2025 – Jun 2025

- Designed REST APIs supporting large student groups, improving query performance by 30%.
- Deployed via Firebase Hosting with scalable architecture for multi-department use.

### Restaurant Management System (Object-Oriented Programming)

March 2024 – May 2024

- Developed a restaurant management application in Java to manage menus, customer records, and order operations.
- Applied OOP principles including encapsulation, inheritance, and polymorphism to create a modular and efficient system.
- Implemented key features such as order placement, menu updates, and automated bill generation, reducing manual billing errors by 30% and improving overall process efficiency.

### 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:** ASP.NET Core MVC, EF Core, Express.js, Alpine.js

**Databases & Tools:** PostgreSQL, MS SQL, Firebase, Git/GitHub

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

**Cybersecurity:** Wireshark, Splunk (basic), Linux hardening

## LEADERSHIP & ACTIVITIES

### ACM SZABIST Core Team Member

(Sep 2025 – Present)

- Assisted in organizing technical events, workshops, and hackathons.
- Supported logistics, coordination, and technical tasks for student tech activities.

## CERTIFICATIONS

### Google UX Design

Feb 2026

### Google Cybersecurity Professional Certificate

Oct 2025

### Google AI Essential

Oct 2025

### Linux for Beginners

Jul 2025

### Python Pro

Apr 2025