

Mustafa Iqbal

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EDUCATION

SZABIST University

Bachelor of Science in Computer Science – CGPA (3.6/4.0)

Karachi-Pakistan

Expected Jun 2027

INTERNSHIP EXPERIENCE

DUA Department – SZABIST University

(Dec 2025 – Present)

- Validated data integrity across institutional MoU repositories, supporting information security compliance and reducing risk of unauthorized data exposure.
- Strengthened document security controls by maintaining structured audit trails, controlled access protocols, and secure digital record management.
- Assisted in identifying compliance gaps and operational risks through structured data analysis and risk-focused reporting.

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, SSH, 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