

Mustafa Iqbal

+92 330 247 9956 | [Email](#) | [LinkedIn](#) | [Portfolio](#) | [Github](#)

EDUCATION

SZABIST University	Karachi-Pakistan
Bachelor of Science in Computer Science – CGPA (3.6/4.0)	Expected Jun 2027

INTERNSHIP EXPERIENCE

DUA Department – SZABIST University	(Dec 2025 – Present)
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- 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
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- 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
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- 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
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- 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
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- 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
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- 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)
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- Assisted in organizing technical events, workshops, and hackathons.
- Supported logistics, coordination, and technical tasks for student tech activities.

CERTIFICATIONS

Google UX Design	Feb 2026
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Google Cybersecurity Professional Certificate	Oct 2025
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Google AI Essential	Oct 2025
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Linux for Beginners	Jul 2025
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Python Pro	Apr 2025
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