Mustafa Iqbal

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https://mustafa-portfolio-cyan.vercel.app | https://github.com/Mustafa-Hazard

EDUCATION

SZABIST University , Karachi   Expected Jun 2027
Bachelor of Science in Computer Science - CGPA(3.53/4.0)

Alpha College, Karachi   Jan 2021 – Jun 2023
High School (A-Levels)

Projects & Hackathons

Attendance Management Web Application (Node.js, PostgreSQL, EJS)   Jul 2025
- Built a secure, role-based attendance management system, improving access control and database query performance by 20%.
- Designed optimized SQL schemas ensuring data integrity and scalability.

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 (GUI-Based, Java Implementation)   Jan 2024 – May 2024
- Applied data structures for order management, menu updates, and billing processes.
- Integrated GUI elements for user interaction and visualized linked list-based inventory tracking.

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.

Cybersecurity Projects (Google Cybersecurity Professional Certificate (Coursera))   Aug 2025 – Sep 2025

SQL Filters: Cybersecurity Investigation: 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.

Technical Skills

Programming: Java (Advanced), Python, JavaScript (Node.js), SQL
Frameworks: Express.js, Alpine.js, EJS
Databases & Tools: PostgreSQL, Firebase, Git/GitHub
Operating Systems: Windows, Linux (CLI, system hardening)
Security & DevOps Knowledge: NIST Frameworks, Vulnerability Assessment, Incident Response, Log Analysis, Network Monitoring, System Hardening
Domains of Interest: Cybersecurity, DevOps, RESTful APIs, Cloud Deployment

Certifications

Google Cybersecurity Professional Certificate (Coursera)   Oct 2025
Linux for Beginners   July 2025
Python Pro   Apr 2025

Soft Skills

Adaptability, Problem Solving, Communication, Leadership, Fast Learner