

Mustafa Iqbal

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

EDUCATION

SZABIST University

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

Karachi-Pakistan

Expected Jun 2027

Cybersecurity Projects

SQL Log Analysis – Google Cybersecurity Certificate

- Executed SQL queries on login and employee data, identifying 32+ failed logins outside business hours, enabling targeted incident response and mitigating security risks

TryHackMe Cyber Security 101 (Hands-on Labs)

- Completed 20+ labs on Linux hardening, access controls, and incident response.
- Analyzed network traffic with Wireshark, identified weak web logins, and documented intrusions in SOC-style exercises.

Virtual Cybersecurity Homelab (VirtualBox, Kali Linux, Mr. Robot VM)

- Designed and configured an isolated hacking lab using VirtualBox with Kali Linux (attacker) and Mr. Robot VM (vulnerable target).
- Practiced penetration testing workflows including network scanning (Nmap), vulnerability discovery, and privilege escalation.
- Simulated real-world attack/defense scenarios in a safe environment, strengthening skills in ethical hacking and system hardening.

UNIVERSITY PROJECTS

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.

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

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

Cybersecurity Security Tools & Skills: SQL log analysis, Wireshark, Splunk (basic), Linux hardening, NIST CSF risk management, vulnerability assessment, incident investigation

Certifications

Google Cybersecurity Professional Certificate (Coursera)

Expected Completion: Oct 2025 (5 courses completed)

TryHackMe — Cyber Security 101

Sep 2025

Linux for Beginners — Udemy

Jul

2025

Python Pro — Udemy

Apr 2025