

MUSTAFA MUHAMMAD IQBAL

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Computer Science undergraduate at SZABIST (CGPA 3.6/4.0, 7th semester) with hands-on experience building full-stack applications across .NET, React, and Node.js, along with Python-based machine learning and applied AI projects. Work spans an AI-powered recruitment platform, booking systems, REST APIs, and a spam-detection classifier, with practical exposure to both SQL and NoSQL databases and to integrating LLM APIs into production-style pipelines.

EDUCATION

B.S. Computer Science — SZABIST University

Expected June 2027

CGPA: 3.6 / 4.0 | Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Software Engineering, Software Construction & Development, Design & Analysis of Algorithms, AI, Computer Networks

EXPERIENCE

University Advancement & Partnerships Intern — SZABIST University

Dec 2025 – Feb 2026

- Validated data integrity across 200+ institutional MoU records, enforcing security compliance and reducing unauthorized data exposure risk.

PROJECTS

TalentBridge — AI-Augmented Recruitment Platform

Jun – Jul 2026

React · NestJS · PostgreSQL · WebSocket · JWT Auth

- Built an AI proxy module routing requests between the React frontend and an LLM provider, keeping API keys server-side only; implemented server-side PDF parsing to auto-score candidates against job requirements.
- Modeled a multi-stage hiring pipeline with role-guarded transitions, real-time WebSocket notifications, and JWT-secured routes covered by Jest + Supertest tests.

Protocol Zero — Game Discovery Platform

Apr – May 2026

React 18 · TypeScript · Redux Toolkit · ASP.NET Core 9 · MongoDB

- Architected a decoupled full-stack platform with an ASP.NET Core 9 REST API (Controller–Service–Repository pattern) and a React 18 + Redux Toolkit frontend delivering real-time, multi-criteria search.
- Optimized MongoDB query performance through pagination and indexing; standardized API responses with a global middleware layer.

AeroNexa — Airline Ticketing System

Oct 2025 – Jan 2026

ASP.NET Core 8 MVC · Entity Framework Core · MS SQL Server · C#

- Built a role-based reservation platform (Admin/Passenger portals) with secure session authentication, full booking lifecycle management, and automated PDF e-ticket generation.
- Engineered revenue analytics via optimized stored procedures; validated workflows using equivalence partitioning and boundary value analysis.

TECHNICAL SKILLS

Languages: C#, JavaScript/TypeScript, Python, Java, SQL

Frameworks & Libraries: ASP.NET Core, Entity Framework Core, React, Redux Toolkit, Node.js, Express.js, NestJS

Databases: MS SQL Server, PostgreSQL, MongoDB, Firebase

Tools & Practices: Git/GitHub, Docker, CI/CD, REST API Design, Cypress, Playwright, Jest

CERTIFICATIONS

Google Cybersecurity Professional Certificate

Sept 2025

Google AI Essentials

Oct 2025

LEADERSHIP & ACTIVITIES

Dev Weekends Fellowship '26 — Full Stack AI Engineering Track

May – Jul 2026

- Selected for a 3-month live cohort covering full-stack and AI engineering with weekly mentor-led sessions and collaborative project work.

Core Team Member — ACM SZABIST

Sep 2025 – May 2026

- Coordinated technical workshops, hackathons, and industry speaker sessions for SZABIST's largest student tech community.

Zab-e-Fest — AI Module Finalist (3rd Place) & Technical Mentor

Mar – Jun 2026

- Placed 3rd in the AI module competition and mentored student teams during live project builds at SZABIST's flagship festival.

Finalist — SZABIST Hackathon

Dec 2023

- Placed among top teams in a 48-hour hackathon, building a Car Management System under time pressure.