

# MUHAMMAD IBRAHIM SHOEB

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## EDUCATION

### Budapest University of Technology and Economics

BSc in Computer Science and Engineering

Expected Jan 2026

Budapest, Hungary

### Aligarh Muslim University

Diploma in Computer Engineering

Aug 2017 – May 2020

Aligarh, India

## PROJECTS

### TeleGuard AI | Python, scikit-learn, Docker, Telegram Bot API

May 2025

- Built a real-time Telegram spam detection bot using TF-IDF and ensemble classification (LogReg, NB, XGBoost); trained on 50K+ labeled messages (F1: 0.93).
- Containerized with Docker and integrated CI/CD using GitHub Actions.

### Case Converter Web App | React, Tailwind CSS

Apr 2025

- Developed a real-time text formatting app with live preview, clipboard and file download features; deployed via GitHub Pages.

### OpenMetroMaps (Open Source) | Java, Git, Open Data

Feb 2025

- Contributed to public transit map visualizations by improving routing logic, diversion handling, and debugging in a large-scale open-source Java codebase.

### To Do List App | Java, Swing

Dec 2024

- Java-based desktop app with GUI, dynamic task management, and persistent storage; tested using JUnit.

### Pong Game | C++, SFML

May 2024

- Created a 2-player classic Pong game with scorekeeping, physics, and file-based high score tracking.

## EXPERIENCE

### Wizz Air

Jan 2024 – Present

Evidence Collection Agent

Budapest, Hungary

- Built and maintained comprehensive database to track flight disruptions in line with EU261 compliance for legal proceedings.
- Collaborated with operations and legal teams to streamline evidence collection across airport channels.

## ACHIEVEMENTS

- 1st Place - "Most Sustainable Idea", **EELISA Innovation Week Hackathon** (2024, Madrid).
- Awarded full Stipendium Hungaricum Scholarship (2022–2026).

## LEADERSHIP AND ENGAGEMENT

### HÖÖK - Hallgatói Önkormányzatok Országos Konferenciája

Jul 2023 – Present

International Student Mentor

Budapest, Hungary

- Guided 50+ international students on academic, housing, and cultural adaptation; organized onboarding events with 100+ participants.

### Erasmus+ Youth Exchanges

2023 – 2024

Participant

Italy, Greece, France, Turkey

- Worked with multicultural teams to address sustainability and media literacy across 4 international workshops.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, C, C++, SQL, Bash

**Frameworks/Tools:** React, Node.js, Flask, scikit-learn, Docker, GitHub Actions

**Platforms:** Linux, Azure (basic), AWS (basic)

**Developer Tools:** Git, VS Code, Jupyter, Jenkins (basic), Figma