

MUHAMMAD IBRAHIM SHOEB

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Education

Budapest University of Technology and Economics

Bachelor of Science in Computer Science and Engineering

Expected Graduation, Jun 2026

Budapest, Hungary

Aligarh Muslim University

Diploma in Computer Engineering

Aug 2017 – May 2020

Aligarh, India

Overall Percentage: 82.38%

Skills

Programming & Data: Python, scikit-learn, NumPy, Pandas, SQL, JavaScript, Java, C/C++, Java, Bash; TensorFlow (basic), PyTorch (basic)

Frameworks & Platforms: Docker, Telegram Bot API, GitHub Actions, React, NodeJS (basic), Azure (basic), AWS (basic)

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

Experience

Wizz Air

Jan 2024 – Present

Evidence Collection Agent

Budapest, Hungary

- Built and maintained a comprehensive database for tracking flight disruptions, enhancing investigative processes to align with EU261 compliance standards.
- Coordinated cross-functional collaboration with airports and internal departments, streamlining the collection of key data to strengthen support for Customer Experience and Legal teams in high-stakes proceedings.

Projects

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

May 2025

- Created a real-time Telegram bot that flags spam messages using a TF-IDF + Logistic Regression classifier (F1 0.93) trained on 50k labelled messages; containerized and deployed with GitHub Actions CI/CD.

Case Converter Web Application 🌐 | *React, Tailwind CSS, JavaScript*

Apr 2025

- Developed a frontend-focused web app automating text conversions with React, JavaScript, with real-time analytics, copy-to-clipboard, and file download features, deployed with GitHub Actions for CI/CD.

To Do List Application 📝 | *Java, Swing*

Dec 2024

- Developed a Java-based to-do list application with a Swing GUI, dynamic task management, category filtering, and persistent data storage using serialization, integrated with robust JUnit testing.

Pong 🎮 | *C++*

May 2024

- Developed a C++ Pong game with two-player controls, ball mechanics, scoring system, and high score management using SFML, dynamic memory management, and file handling.

Morse Code Translator 🗣️ | *C*

Jan 2023

- Developed a switch command line controlled program which handles Text to Morse and vice versa.

Leadership and Engagement Activities

HÖÖK - Hallgat6i 6nkorm6nyzatok Orsz6gos Konferenci6ja

July 2023 – Present

International Student Mentor

Budapest, Hungary

- Provided guidance to international students to adapt to university life, fostering community through events and networking.

Erasmus+ Youth Exchanges

2023 – 2024

Participant

Various European Locations

- Developed leadership and collaborative skills across **Italy, Greece, France, and Turkey**, tackling sustainability and media literacy in diverse teams.

Achievements

- 1st Place in the "Most Sustainable Idea" Hackathon, during **EELISA Innovation Week Hackathon** (2024, Madrid).
- Full Scholarship issued by Stipendium Hungaricum
- Played for a State Football Championship in India