

# 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++, Bash, TensorFlow (basic), PyTorch (basic)

**Frameworks & Platforms:** Docker, Wireshark, Telegram Bot API, GitHub Actions, React, NodeJS, 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**

- Built and deployed a real-time Telegram bot that flags spam using a TF-IDF + Voting Classifier (Logistic Regression, Naive Bayes, XGBoost) trained on 50k labeled messages (F1-score: 0.93); containerized with Docker and prepared for CI/CD with GitHub Actions.

**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 - Hallgatói Önkormányzatok Országos Konferenciája**

**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