

Basel Al-Raoush

Software Engineering Student at BME - Budapest, Hungary

[Github profile](#) [Personal Portfolio](#) [LinkedIn](#) [Email](#) Phone Number: **+36703499665**

EXPERIENCE

Freelance Mobile Developer – Barber Booking 2025 (Freelance)

- Designed & developed a cross-platform Flutter + Firebase booking app with real-time booking, authentication, and modern UI/UX
- Delivered to client as a fully functional product, following scalable architecture and Riverpod state management

Software Engineering Intern – Inspire for Solutions Development (Jordan) Aug–Sep 2024

- Automated workflows with Python, reducing manual data processing time by ~20%.
- Improved CI/CD pipelines using GitHub Actions & Jenkins, cutting deployment errors by 30%.
- Supported backend development, debugging, and integration tasks.

EDUCATION

Computer Science Engineering

Budapest University of Technology and Economics - Bachelor's degree

2026

Relevant coursework: Algorithms & Data Structures, Machine Learning, Databases, Cloud Computing.

SKILLS

Languages: Python, Java, C++, C#, Kotlin, JavaScript

ML/AI: TensorFlow, Keras, Scikit-learn, NLP, Hugging Face, BERT

Web & Mobile: Flask, Streamlit, Flutter (Dart), Android (Kotlin), HTML/CSS/JS

Databases & Cloud: SQL (T-SQL, Oracle, MSSQL), MongoDB, Firebase, AWS, Docker

DevOps & Tools: Git, GitHub Actions, Jenkins, Linux, CI/CD

Software Engineering: OOP, Agile, SDLC, Testing

PROJECTS

Online Signature Verification (ML, CV)

ML system to detect genuine vs forged signatures using coordinate, pressure & angle features. Tested SVM, RF, XGBoost, MLP, achieving >90% accuracy.

Digit Recognition AI (AI / ML, Web Development) [Project Link](#)

Web app for digit recognition using MobileNetV2 CNN (95% accuracy), deployed with Flask & HTML/CSS/JS.

Fake News Detector (AI / ML, NLP)

Classified 20k articles from Kaggle dataset using Logistic Regression (TF-IDF) and BERT, achieving high accuracy.

Sentiment Analysis Web App (AI / ML, NLP, Web Development)

Real-time tweet sentiment analysis with Streamlit + Hugging Face Transformers.

Budget Tracker App (Android Mobile Development)

Expense tracker with Room DB, RecyclerView, and modern Android UI.

Other Projects:

Pipes in the Desert Game (Java), *Expense Analysis Dashboard (Python)*, *Movie Recommendation System (Java)*, *OpenMetroMaps Contribution with BKK (Java)*, [Personal Portfolio Website \(Web Development\)](#).

ACHIEVEMENTS

CISO Cybersecurity Course (09/2022 - 01/2023) | **100 Days of Code** (Python & Automation) (2023) | Solved **50+** algorithmic problems on LeetCode/HackerRank.