

# Basel Al-Raoush

[[Github profile](#)] · [[Personal Portfolio](#)] · [[LinkedIn](#)] · [[Email](#)] · Phone: +36703499665 · Budapest, Hungary

## EXPERIENCE

### Software Engineer Intern – Bank of Jordan (Mihnati Internship Program) | Aug-Sep 2025

- Built and tested features with Java/Spring, contributing to secure production releases.
- Participated in code reviews and bug fixes, improving stability across **2 team projects**.

### Freelance Mobile Developer – Barber Booking App | Jul-Present 2025 (Freelance)

- Built a Flutter + Firebase app with client/barber/admin roles, real-time sync, and auth.
- Added Riverpod and push notifications (FCM), cutting booking confirmation time by **~40%** in tests.
- Developed **10+** modules; in beta with **15** users, preparing for launch.

### Software Engineer Intern – Inspire for Solutions Development (Jordan) | Aug–Sep 2024

- Supported development on a banking client project, assisting with frontend features (JavaScript/React) and basic infrastructure tasks under supervision.
- Automated workflows with Python + SQL/NoSQL, reducing manual data processing time by **~20%**.
- Improved CI/CD pipelines using GitHub Actions + Jenkins, cutting deployment errors by **30%**.

## EDUCATION

### BSc in Computer Engineering

Budapest University of Technology and Economics (BME) – Budapest, Hungary

Expected Jul 2026

- Stipendium Hungaricum scholarship recipient
- Extracurriculars: *IT Team Member, TEDxBME (developed event website); Tech Team Member, Google Developer Student Club (contributed to 3 projects)*

## SKILLS

**Languages:** Python (data pipelines, automation, ML), Java, JavaScript, C++, C#, Kotlin

**Frameworks & Tools:** Flask, Streamlit, React, Spring, Flutter, Selenium (familiar), Postman (familiar), HTML/CSS/JS

**Databases:** SQL (MySQL, PostgreSQL, Oracle, MSSQL), MongoDB, Firebase

**DevOps & Tools:** Git, GitHub Actions, Jenkins, GitLab CI (familiar), Linux, CI/CD, Docker, Kubernetes, Shell scripting

**Software Engineering:** REST APIs, Microservices, OOP, Agile/Scrum, Testing frameworks, Clean Code, SOLID principles

**AI/ML & Data:** Data pipelines, NLP, Computer Vision, ML models (SVM, RF, XGBoost, BERT, Transformers, LLMs), RAG concepts, Real-time data processing

## PROJECTS

### Online Signature Verification (AI / ML)

Built Python pipelines to process coordinate & pressure data, training ML models (SVM, RF, XGBoost, MLP) with >90% accuracy.

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

Full-stack web app using MobileNetV2 CNN (95% accuracy), deployed with Flask & HTML/CSS/JS.

Integrated automated tests to validate model predictions and API endpoints.

### Fake News Detector (AI / ML, NLP)

Classified 20k articles from Kaggle dataset using Logistic Regression (TF-IDF) and BERT (LLM-based NLP), achieving high accuracy. Work applicable to LLM/RAG content retrieval workflows.

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

Real-time tweet sentiment analysis with Streamlit + Hugging Face Transformers, handling continuous data streams similar to streaming workflows (Kafka-like).

### Budget Tracker App (Android Mobile Development)

Expense tracker with Room DB, RecyclerView, and modern Android UI. Applied DevOps practices during development with Git workflows, CI/CD testing, and Docker-based containerization for backend services.

### Other Projects:

*Pipes in the Desert Game (Java), Expense Analysis Dashboard (Python), Movie Recommendation System (Java), OpenMetroMaps Contribution with BKK (Java), [Personal Portfolio Website \(Web Development\)](#). Also Explored frontend development with React and backend APIs with Spring in self-driven projects to strengthen full-stack capabilities.*

## ACHIEVEMENTS

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

### Certifications:

- AWS Certified Cloud Practitioner – AWS (expected 2025)
- GitHub Foundations Certification – GitHub (2025)
- ChatGPT Prompt Engineering for Developers – DeepLearning.AI & OpenAI (2025)