

Marc Laszlo

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Summary

Final-year CS student and full-stack developer with hands-on experience building scalable web/mobile apps. Creator of a budgeting platform using LLMs for financial data processing. Skilled in React/React Native, TypeScript, FastAPI, and UI/UX best practices. Passionate about clean code, API design, and delivering user-focused solutions.

Experience

Innovation Intern at UBB Tech Transfer

Jul 2024 – Aug 2024

- Collaborated with industry partners to gain insights into business and development processes.
- Worked in a team of four to develop an innovative, real-world solution.
- Delivered a technical presentation to stakeholders, detailing feasibility, implementation, and business impact.

Education

Bachelor's in Computer Science at Babes-Bolyai University Cluj-Napoca

Oct 2022 – Jul 2025

- **Relevant courses:** Software Development, Web Development, Natural Language Processing, Mathematical Analysis, Linear Algebra, Operating Systems (Linux), Data Structures & Algorithms, Object-Oriented Programming, Probabilities & Statistics, Databases, Software Engineering, Mobile Applications
- **Thesis:** "LLM-Based Financial Transaction Extraction from Bank Statements" – Designed and implemented a modular, full-stack pipeline using React Native, FastAPI, and Supabase to extract, classify, and store transactions from unstructured bank statement text. Leveraged prompt engineering with LLMs in a 4-stage architecture for scalable, real-time financial data processing in a mobile budgeting app.

Projects

OrthoVision - AI Powered Dental App

[Github](#) [🔗](#)

- Collaborated with a team of four on an AI-powered dental X-ray analysis platform for detecting pathologies.
- Engineered an interactive React-based UI, reducing page load times by 40% through performance optimization techniques.
- Integrated AI models for real-time pathology detection, improving dental diagnosis accuracy.
- Tools Used: React, TypeScript, Flask

Toy Language Interpreter

[Github](#) [🔗](#)

- Designed and implemented a custom interpreter in Java, supporting conditionals, loops, concurrency, and multiple data types.
- Implemented an interactive UI for real-time program execution visualization.
- Tools Used: Java

Personal Portfolio Website

[Live](#) [🔗](#)

- Designed and developed a fast, mobile-friendly portfolio to showcase projects, skills, and experience.
- Built with performance and SEO in mind using modern web tech (React, Vite, Tailwind CSS).
- Implemented a clean, responsive UI and dark mode toggle for enhanced user experience.
- Tools Used: React, TypeScript, Tailwind CSS

Certifications & Volunteer Work

Meta Front-End Developer Certificate - Covered HTML, CSS, JavaScript, responsive design, and UI/UX fundamentals, **English CAE Certification - C2 (202p)** Volunteer at **OSUBB Cluj-Napoca**, Volunteer at **Societatea Hermes Cluj-Napoca**

Technical Skills

Languages: Python, TypeScript, JavaScript, Java, C++, C, C#, SQL

Frameworks/Libs: React/React Native, Angular, Node.js, Express, Flask, .NET

UI: Tailwind CSS, Material UI, HTML, CSS

Tools: Git, GitHub, Vercel, REST APIs, Agile Methodologies