

# MARC LASZLO

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## WORK EXPERIENCE

### Web Developer & UI/UX Designer - [Trauma Center](#)

📍 Cluj-Napoca, Romania

- Redesigned a 20+ page psychotherapy website, delivering a consistent modern UI and improved UX.
- Built responsive layouts with Avada + custom CSS and improved load performance by 30%.
- Increased conversion rate by 10% through UX restructuring and SEO optimization.

📅 Dec 2024 - Oct 2025

### Web Developer - [El Falaf](#)

📍 Cluj-Napoca, Romania

- Developing a fully custom Next.js + TypeScript website with reusable components and Tailwind-based design system.
- Building responsive UI for product pages, hero sections, cards, and interactive map views.
- Implementing advanced frontend features: animations, state-driven UI, SEO-optimized pages, Lighthouse-optimized performance.

📅 Oct 2025 - Feb 2026

## EDUCATION

### Bachelor's in Computer Science at Babeș-Bolyai University

📅 Oct 2022 - Jul 2025

📍 Cluj-Napoca, Romania

- Relevant courses: Web & Mobile Development, NLP, Data Structures, Databases, OOP, Software Engineering
- Thesis: "LLM-Based Financial Transaction Extraction from Bank Statements" - built a full-stack pipeline (React Native, FastAPI, Supabase) with a multi-stage LLM prompting architecture for structured transaction extraction in a mobile budgeting app.

### Masters in Applied Computational Intelligence at Babeș-Bolyai University

📅 Oct 2025 - Jul 2027

## PROJECTS

### **CoinWise - Mobile Finance App (Bachelor's Thesis)** [\[repo\]](#)

Built a cross-platform mobile finance app using React Native, Expo, TypeScript, FastAPI, and Supabase to convert raw bank statements into structured transactions via a multi-step LLM prompting pipeline (LLaMA Maverick Instruct 4), achieving 90%+ extraction accuracy; implemented hallucination-mitigation strategies and privacy-first data handling, alongside budgeting, financial goal tracking, CRUD transaction management, and analytics dashboards. Designed the extraction pipeline to be model-agnostic and resilient to noisy, real-world financial data.

*React Native | FastAPI | Supabase | Llama Maverick Instruct 4*

### **OrthoVision** [\[repo\]](#)

Frontend Lead on an AI-powered dental X-ray analysis platform for clinicians, designing and implementing a responsive image upload and review interface with bounding-box visualization of detected anomalies, integrating AI model outputs into an intuitive diagnostic workflow while collaborating in a team of 4. Owned frontend architecture and visualization logic, translating structured ML predictions into accurate, clinician-friendly image overlays.

*React | TypeScript | Flask | Render*

### **Toy Language Interpreter** [\[repo\]](#)

Designed and implemented a Java-based interpreter for a custom toy programming language, featuring AST-driven execution, heap memory management, file I/O, and concurrent execution via fork statements, with both CLI and GUI interfaces. Applied compiler and runtime design principles to build a modular, extensible execution engine with clear separation of concerns.

*Java | OOP | Data Structures*

### **Budgeting Web Application** [\[repo\]](#)

Developed a full-stack budgeting web application enabling users to manage budgets, track income and expenses, and view aggregated financial insights, implementing clean data models, RESTful APIs, and a responsive frontend to support real-world personal finance workflows. Focused on data consistency, category-based aggregation, and scalable API design for growing financial datasets.

*React | TypeScript | Node.js | Express | MongoDB | Tailwind CSS | Render*

## CERTIFICATIONS & VOLUNTEERING

Meta Front-End Developer Certificate - Meta (Coursera, 2024), Cambridge English Certificate (CAE, C2 Level - 202p) - 2021, Google Project Management (Coursera - 2024), Volunteer: OSUBB Cluj-Napoca, Societatea Hermes

## SKILLS

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

Frontend: React, Next.js, React Native, Tailwind CSS, HTML & CSS

Backend: Node.js, Flask, FastAPI, REST API Design, Authentication (JWT/OAuth)

Databases: PostgreSQL, MongoDB, Supabase

DevOps & Tooling: Vercel, Render, Git, Docker (basics), CI/CD