

# MARC LASZLO

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## WORK EXPERIENCE

Web Developer & UI/UX Designer at Trauma Center

📅 Dec 2024 - Present

- 📍 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.

Web Developer - Elfalaf (Ongoing Project)

📅 Oct 2025 - Present

- 📍 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.

## EDUCATION

Bachelor's in Computer Science at Babeş-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 Babeş-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