

WORK EXPERIENCE

Web Developer & UI/UX Designer at Trauma Center 📅 Dec 2024 – Present

- 📍 Cluj-Napoca, Romania
- Led the full redesign of a psychotherapy center’s website using WordPress (Avada), improving engagement across 20+ pages.
- Designed a calm, conversion-optimized interface aligned with the brand identity (pastel palette, dragonfly motif).
- Integrated SEO-optimized content, and boosted load performance by 40%.

Intern at UBB Tech Transfer 📅 Jun 2024 – Aug 2024

- 📍 Cluj-Napoca, Romania
- Collaborated with industry partners to understand business and development processes.
- Worked in a cross-functional team of four to develop a viable product concept.
- Delivered a technical presentation to stakeholders covering feasibility and implementation.

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 4-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)[\[repo\]](#)

Developed a **cross-platform mobile finance app** that manages transactions, budgets, and financial goals. Implemented a **multi-step LLM prompting pipeline** using *LLama Maverick Instruct 4* to extract and structure transactions from unformatted bank statement text. Built the backend in **FastAPI**, handling LLM orchestration, CRUD operations, and **Supabase** authentication + PostgreSQL storage. Despite limited data access, achieved strong extraction accuracy in 4 months—demonstrating applied AI integration, full-stack mobile development, and prompt-engineering expertise.

React Native | FastAPI | Supabase | LLama Maverick Instruct 4

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

Designed and developed a **full-stack budgeting platform** for tracking income, expenses, and category-based spending. Implemented **secure authentication**, full CRUD for transactions, and a **chart-based statistics view** using Express + MongoDB. Built a **responsive, accessible UI** with React + Tailwind CSS and optimized the REST API for performance and maintainability. Delivered through iterative coursework, showcasing solid understanding of **web architecture, UX, and clean code structure**.

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

OrthoVision [\[repo\]](#)

Served as **frontend lead** in a 4-member team building an **AI-powered web platform** for dental X-ray anomaly detection in collaboration with the Faculty of Medicine. Developed the full React interface—image upload, bounding-box visualization, and results integration with a Flask + TensorFlow backend. Contributed to model integration and testing; achieved **>95 % detection accuracy** on medical X-rays.

React | TypeScript | Flask | Render

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

Built a simulated interpreter runtime for a small imperative language, emphasizing **object-oriented architecture** and **core data-structure design**. Implemented typed variables, control-flow statements, and memory management using stacks, heaps, and symbol tables, alongside a GUI for visualizing program execution and concurrent processes.

Java | OOP | Data Structures

Portfolio Website [\[repo\]](#)

Designed and developed a fast, responsive personal portfolio. Integrated dark mode and modern UI/UX patterns for accessibility.

React | TypeScript | Vercel

CERTIFICATIONS & VOLUNTEERING

Meta Front-End Developer Certificate — Meta (Coursera, 2024), Cambridge English Certificate (CAE, C2 Level – 202p) — 2021, Google Project Management (Coursera, 3/6 courses completed – 2024), Volunteer: OSUBB Cluj-Napoca, Societatea Hermes

SKILLS

Programming Languages: Python, C++, C#, TypeScript, Java, SQL
Frameworks & Libraries: React, React Native, Node.js, Express, FastAPI, Flask, Tailwind CSS, Material UI, Supabase
Web Technologies: HTML5, CSS3, Responsive Design, REST APIs, JSON, WebSockets, Authentication (JWT, OAuth)
UI/UX Design: Figma, user flow design, accessibility & usability, A/B testing
Tools & Methodologies: Git, Vercel, Agile workflows, SEO/CRO optimization