MARC LUCIAN LASZLO

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Summary

Final-year Computer Science student with a strong background in full-stack development. Proficient in building scalable, high-performance web applications using React, Node.js, and TypeScript. Experience developing AI-powered solutions and optimizing software for efficiency. Passionate about problem-solving and collaborating in dynamic team environments.

Technical Skills

- **Programming Languages:**
  Java, JavaScript, TypeScript, Python, C/C++, C#

- **Frontend:**
  React, Angular, Tailwind CSS, HTML, CSS

- **Backend:**
  Node.js, Express, .NET

- **Dev Tools:**
  Git, GitHub, Jira, Slack, Postman, Vercel, Unity

- **Databases:**
  MongoDB, Firebase, PostgreSQL

Soft Skills

- **Attention to Detail**
- **Adaptability**
- **Problem Solving**
- **Teamwork & Collaboration**
- **Strong Communication Skills**
- **Time Management & Organisation**
- **Resilience & Handling Feedback**
- **Growth Mindset**

Experience

UBB Tech Transfer Internship
Jul 2024 - Aug 2024

- Developed a prototype solution to solve a real-world business challenge.
- Collaborated with a cross-functional team to deliver innovative solutions.
- Delivered a technical presentation to stakeholders, outlining feasibility, implementation, and business impact.

Projects

Full-Stack Budgeting Web-App

- Tech Stack: React, TypeScript, Material UI, Node.js, Express, MongoDB
- Built a responsive budgeting app using React, TypeScript, and MongoDB, enabling users to track expenses with real-time data visualization. Achieved 95% crash-free user sessions..
- Implemented an interactive expense tracker with filtering, analytics, and secure user sessions.

Toy Language Interpreter

- Tech Stack: Java
- Developed a custom interpreter supporting conditionals, loops, concurrency, and data types.
- Developed a GUI in Java to enable step-by-step execution visualization, reducing debugging time by 30%.

OrthoVision-Dental AI Web App

- Tech Stack: React, Express, AI Integration
- Collaborated on an AI-powered X-ray analysis platform for dentists.
- Designed frontend UI for smooth user interaction and optimized performance.

Mobile Budgeting App

- Tech Stack: React Native, TypeScript, Expo, Node.js, Express
- Architected and developed a cross-platform budgeting app with an optimized UI, enhancing user experience and retention.
- Implemented CRUD operations for expense management, enabling users to add, edit, and delete transactions.
- Implemented offline-first functionality by enabling automatic request retries and seamless data synchronization upon server reconnection, ensuring uninterrupted user experience.

Education

Bachelor's Degree in Computer Science
Oct 2022 - Jul 2025

Babeș-Bolyai University
Cluj-Napoca, Romania

Mathematics & Computer Science
Sep 2018 - Jun 2022

"Gheorghe Șincai" National College
Cluj-Napoca, Romania

Certifications

Meta Front-End Developer Course - 2024

- Covered JavaScript, HTML & CSS, React, Bootstrap, GitHub, Figma, UI/UX design principles.

English (CAE Certification) - Level C2 - 2022