

# Marc Laszlo

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## Summary

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Innovative full-stack developer with a strong foundation in scalable, high-performance web applications and AI-driven solutions. Passionate about building intuitive user experiences and optimizing software for efficiency. Experienced in React, TypeScript, Node.js, and Flask, with a deep understanding of backend architecture, authentication systems, and database optimization. Adept at collaborating in fast-paced environments to deliver impactful solutions. Always eager to explore new technologies and push the boundaries of software development.

## Education

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**Babes-Bolyai University** *Oct 2022 – Jul 2025*  
*BS in Computer Science*

- **Coursework:** Computer Architecture, OOP, DSA, OS, Web Development, Databases, etc.

**Colegiul National "Gheorghe Sincai"** *Sep 2018 – Jun 2022*  
*High School Diploma in Mathematics and Informatics*

- **Coursework:** Mathematics and Informatics

## Experience

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**Intern** *Cluj-Napoca, Romania*  
*UBB Tech Transfer* *July 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.

## Projects

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**OrthoVision - AI Powered Dental App** [Repo link here](#) 🔗

- 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** [Repo link here](#) 🔗

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

**Full-Stack Budgeting Web App** [Repo link here](#) 🔗

- Developed a full-stack budgeting platform with JWT-based authentication and secure session management.
- Optimized backend queries for efficient expense tracking, ensuring scalability to handle thousands of transactions per month and implemented CRUD operations for expense management.
- Tools Used: React, Node.js, TypeScript, JavaScript, Express, Material UI

## Technologies

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Python, TypeScript, C++, C, Java, C#, SQL, JavaScript, React, Angular, Tailwind CSS, HTML, CSS, Node.js, Express, .NET, Git, GitHub, Vercel