

Marc Laszlo

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Summary

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

Babes-Bolyai University <i>BS in Computer Science</i>	<i>Oct 2022 – Jul 2025</i>
Colegiul National ”Gheorghe Sincai” <i>High School Diploma in Mathematics and Informatics</i>	<i>Sep 2018 – Jun 2022</i>

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

Experience

Intern <i>UBB Tech Transfer</i>	<i>Cluj-Napoca, Romania</i> <i>July 2024 – Aug 2024</i>
<ul style="list-style-type: none">◦ 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

OrthoVision - AI Powered Dental App	Repo link here ↗
<ul style="list-style-type: none">◦ 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 ↗
<ul style="list-style-type: none">◦ 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 ↗
<ul style="list-style-type: none">◦ 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

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