Michal Fingerut

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Successfully transitioned from a career in optometry to software development, showcasing adaptability, a strong learning mindset, and a commitment to continuous growth. Results-oriented Software Developer with a proven track record in leading complex projects and products with significant impact. Highly motivated, tech-savvy, problem solver, and collaborative team player, passionate about cutting-edge technologies and thriving in dynamic environments.

WORK EXPERIENCE

Infinity Labs R&D
Full Stack Developer   *2022- Present*
- Oversaw the entire development lifecycle of an educational web application (**MicroServices** based) for students, leveraging **JavaScript, TypeScript, Node.js, Express.js, Socket.IO, Sequelize, Vue.js and PostgreSQL**. Responsibilities included designing and implementing **REST APIs,** adding new features, and performing ongoing maintenance to improve functionality and user experience.
- Acted as the main software developer in the team, defining workflows, operational procedures, and guidelines for development, and served as the primary point of contact for support and technical questions from team members.
- Optimized system performance and improved response times by 80% using advanced monitoring techniques and efficient coding practices, including design patterns.
- Deployed the application to production with optimized server configurations, database migrations, and CI/CD pipelines for continuous updates.
- Refactored the backend by independently rewriting all services to extract the core framework, maintaining server functionality while significantly improving performance, scalability, and the overall development process.
- Mentored students in a software development extensive bootcamp, delivering comprehensive instruction in **C** programming, **JAVA**, **OOP**, **Design Patterns**, fundamental programming concepts, algorithms, software design, multithreading, and system programming, while focusing on core principles and best practices.

Optica Leon
Optometrist   2018-2021
- Provided personalized recommendations for contact lenses and eyeglasses based on the patient's needs.
- Performed eye examinations to determine the right treatment for customers.
- Maintained medical records to improve clinic operations and patient outcomes.

EDUCATION

Software Development Extensive Bootcamp
Infinity Labs R&D   2022
BSC, Optometry (Cum Laude)
Bar Ilan University   2017-2021

ADDITIONAL

Technical Skills: C, Java,JavaScript, TypeScript, Express.js, Vue.js, Node.js, React, Jest, OOP, Design Patterns, AWS, MicroServices Architecture, Multi Threading, REST APIs, Docker, Socket.IO, Sequelize, PostgreSQL, Linux, Scrum Environment, SQL, No-SQL
Languages: Hebrew - Mother Tongue, English - Fluent
Army Service: Linkage & Recruitment NCO, Air Force, IDF
Hobbies: Playing Guitar and Piano, Solving complex lego and puzzles, "Object Disoriented" CO Host & Producer and Podcaster (Listen)