Rivka Toledano – Full Stack Developer

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Profile:

Full Stack Developer with practical experience in developing intelligent web systems within startup environments. Specializes in backend and frontend development using C#, .Net, Node.js, React, and Python, with a strong focus on AI-based solutions. Known for fast learning, high motivation, and independent problem-solving in dynamic environments. Passionate about delivering clean, scalable code and contributing to high-impact projects within innovative teams.

Professional Knowledge:

Programming Languages: C#, .NET, Python, Java, Node.js, TypeScript, JavaScript
Databases: SQL Server, MySQL, PostgreSQL, SQLite, MongoDB.
Technologies: OOP, Entity Framework, Web API, REST APIs, LLMs, RAG, Multithreading, Prompt Engineering
Web Development: CSS3, HTML5, JavaScript, Angular (16, 17), React, Bootstrap
Operating Systems: Linux, Windows
Tools: Git, GitHub, Docker, AWS**,** Postman

Professional Experience:

Full Stack Developer | Helpe | 2025 - **End-to-end Full Stack development of intelligent systems, integrating advanced AI technologies as part of leading the Virtual Agents domain in an innovative startup.**

Developing web applications using Node.js, Python, React.js, and TypeScript – both frontend and backend. Designing and building infrastructure for intelligent conversational interfaces based on LLMs, including Prompt Engineering and Intent Recognition. Implementing RAG (Retrieval-Augmented Generation) solutions with vector search over large-scale datasets.
Developing and integrating RESTful APIs with real-time third-party system communication. Working in a DevOps environment using Docker, Postman, and GitHub – including automation, testing, and advanced debugging. Collaborating on system architecture design with a focus on clean, modular, and scalable code.

Technologies: C# .Net, Node.js, Python, React.js, TypeScript, JavaScript, REST APIs, Docker, Git, GitHub, Postman, LLM, Prompt Engineering, NLP, RAG, Vector Search, Cloud (AWS), Big Data, DevOps.

Next-Silicone in collaboration with (Kama-Tech) Ultra-Code – 2024 BootCamp | Python
A generic system for real-time telemetry data parsing
A parsing system based on a hierarchical data structure and its insertion into a database. The system supports a generic approach to databases and provides a PyQt5 user interface for visualizing data in real-time. Implemented optimization techniques to improve performance, including multithreading and the integration of Pybind11 for accelerating critical computations. The project was designed according to design pattern principles to maintain modular and extensible code.
Technologies: PyQt5, PostgreSQL, SQLite, Pybind11, Multithreading, Design Patterns.

Education:

2024 –Bootcamp by Kama Tech & NextSilicon – focusing on practical skills and relevant technologies.

2023–2024 – Kama-Tech Excellence Program – Focus on algorithms, graphs, and digital systems.

2022–2024 – Software Engineering Studies at Machon Technological (MAHAT) Grade point average 100.

Languages: Hebrew: Native | English: Excellent