

Michal Tzadok

Software Development



An adept graduate of an embedded engineering program, proficient in various application tools and diverse technologies. Possesses excellent logical and analytical thinking skills, with strong problem-solving abilities and attention to detail. Demonstrates excellent communication and teamwork skills, is adaptable to fast-paced, dynamic development processes, and is proactive and self-motivated with a passion for technology and software development.

Practical experience

- Efficient task management system using C# and ASP.NET Core. Utilizes Dependency Injection for dependency management, prioritizes authorization/authentication for secure access, and offers a user-friendly API for seamless client-server synchronization. **Link:** <https://github.com/MichalTzadok/ToDo>
- Angular Job Search Platform - Integrates Angular for dynamic client-side interactions with efficient server-side operations. Employs components for user authentication, job listing, and filtering, with a focus on service-driven logic and input validation. Custom pipes or directives enhance functionality within a streamlined interface . **Link:** <https://github.com/MichalTzadok/AngularProject>
- FinanceFocus, an advanced financial management system in Python, integrating MongoDB for efficient data management and delivering a user-friendly interface for seamless budget tracking and trend analysis. **Link:** <https://github.com/MichalTzadok/pythonProject-FinanceFocus>

Professional knowledge

Programming languages: C, C++, Java, Python, SQL, Assembler, C#, JavaScript, CSS, HTML5, TypeScript.

IDEs: Visual Studio, VS Code, PyCharm, Eclipse, Jupyter NoteBook, Robo

Libraries: Angular, React, NodeJS, WebApi, JQuery, Bootstrap, Angular JS, Linq,.NET CORE, ASP.NET.

OS: Linux, Windows.

DB: NoSQL, SQL Server, MongoDB.

Additional courses: OOD, Design Patterns, Algorithms, Data-Structures, Git, Operation Systems, Communication and Networking, Digital Systems, Graphs, BI, Systems Analysis, Computer Organization, Technical English, Linear Algebra, Calculus, Discrete mathematics, Mathematical logic and solid understanding of JavaScript, HTML, and CSS.

Education

2022-2024 Two years of training encompassing core studies in computer science and mathematics, along with professional studies for a practical engineering degree (sponsored by Mahat), supplemented by advanced studies at Kamatech/Ultracode.

GPA 95.

Core studies in mathematics and computer science and advanced studies in computer science (universal studies) in cooperation with lecturers from leading universities such as Tel Aviv University and the Hebrew University.

Languages

Hebrew - native language, English - very good.

References available on request.