

# Michal Tzadok

## Software Development

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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.