

Avigayil Resnick

Software Developer | Practical Software Engineer (MAHAT) | Computer Science Student

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#### Skills:

- Programming Languages: C++, C#, Python, Java, JavaScript
- Web & Software Development: .NET, WPF, HTML, CSS, JavaScript, React, Node.js, RESTful APIs
- Databases: SQL, MySQL
- Tools: Visual Studio, VS Code, Git, GitHub, Postman
- Computer Science Foundations: Algorithms, Data Structures, Graph Theory, Digital Systems, Cybersecurity, AI Fundamentals
- Testing (QA Automation): Selenium (Java), Cypress (TypeScript)

#### Profile:

Detail-oriented software engineering student with a solid foundation in full-stack web development and a passion for correct software engineering practices. Proficient in modern languages such as JavaScript and Python, with hands-on experience building responsive web applications using React, and adhering to Object-Oriented programming principles. Experienced with C#, C++ and Java as part of full-stack and software engineering training. Skilled in debugging, code optimization, and ensuring software reliability through thorough validation and testing. Passionate about learning new technologies and developing efficient, user-focused solutions.

#### Education:

- B.Sc. Computer Science (in progress) 2023-Present

Tuvuna Academic College (Machon Lev)

- Google and Reichman Tech School 2025

Petach Tikvah

The Software Development program is an intensive 180-hour training focusing on industry-ready software development practices with a practicum in Ready group

- Software Engineering/Computer Science 2023-2025

Bnot Elisheva, Jerusalem

Combined Program by Lev Academic Center and MAHAT

- High School 2019-2023

Bnot Elisheva, Jerusalem

5 units in English and Math, specialized in Computer Science (11 units), final project built with C# and WPF.

#### Projects During Studies:

Event Management Platform - React / Node.js / MySQL

- Built a full-stack platform connecting users with event suppliers by category, price, and location
- Implemented image uploads, smart filtering, and real-time RESTful APIs
- Developed a responsive React frontend and Node.js/Express backend with MySQL

Store Management System Node.js / JavaScript / SQL / JSON

- Created a full-stack system for suppliers and store owners to manage orders and inventory
- Developed RESTful APIs for registration, order tracking, and status updates

- Added automated ordering when product quantities fall below defined thresholds

Volunteer Management System C# / .NET

- Developed using a Five-Tier Architecture with clear separation of concerns
- Built modules for volunteer-call matching, scheduling, and data presentation
- Implemented modular XML-based data storage for maintainable long-term use

Languages:

English - Native

Hebrew - Native