

Avigayil Resnick

Software Developer | Practical Software Engineer (MAHAT) | Computer Science Student  
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#### Profile:

Detail-oriented software engineering student seeking a server-side core application development role, with a solid foundation in full-stack web development. Proficient in Object-Oriented programming and modern languages such as Java and JavaScript, with hands-on experience building responsive web applications using React and Node.js. 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)

Tuvuna Academic College (Machon Lev)

2023-Present

Google and Reichman Tech School

Petach Tikvah

2025

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

Bnot Elisheva, Jerusalem

2023-2025

Combined Program by Lev Academic Center and MAHAT

High School

Bnot Elisheva, Jerusalem

2019-2023

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.

Server-side logic implemented using Node.js.

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 using Node.js for the server-side.

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.

**Skills:**

Programming Languages: Java, JavaScript, C++, C#, Python

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)

**Languages:**

English - Native

Hebrew - Native