Avigayil Resnick
Software Developer | Practical Software Engineer (MAHAT) | Computer Science Student
Avigayilt124@gmail.com 053-317-6173 Jerusalem, Israel

Profile:
Detail-oriented software engineering student with a solid foundation in full-stack web development and Object-Oriented Programming (OOP) principles. Proficient in modern languages such as JavaScript and Python, with hands-on experience building responsive web applications using React. Experienced with C#, C++ and Java as part of full-stack and software engineering training, utilizing OOP principles. 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:

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

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

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, C++, C#, Python, 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)

Languages:
English - Native
Hebrew - Native