Avigayil Resnick
Software Developer | Practical Software Engineer (MAHAT) | Computer Science Student
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Profile:
Detail-oriented software engineering student with a solid foundation in full-stack web development and a commitment to correct software engineering practices. 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. 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:
•" .Sc. Computer Science (in progress)
Tuvuna Academic College (Machon Lev) 2023-Present
•"vöövÆR æB &V–6†Ö â 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.
••6ögGpare Engineering/Computer Science
Bnot Elisheva, Jerusalem 2023-2025
Combined Program by Lev Acedemic Center and MAHAT
•"†–v, 66†ööÀ
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
•"V–ÇB gVÆÂ×7F 0k platform connecting users with event suppliers by category, price, and location, utilizing RESTful APIs for data exchange.
•"–× ÆVÖVçFVB –Ö vR W Æö G0, smart filtering, and real-time RESTful APIs, optimizing data transfer and user experience.
•"FPveloped a responsive React frontend and Node.js/Express backend with MySQL, focusing on maintainable and scalable architecture.
Store Management System – Node.js / JavaScript / SQL / JSON
•"7&V FVB gVÆÂ×7F 0k system for suppliers and store owners to manage orders and inventory, using efficient database design.
•"FPveloped RESTful APIs for registration, order tracking, and status updates, ensuring secure and reliable data transmission.
•" FFVB WFöÖ FVB ÷&FW ing when product quantities fall below defined thresholds, enhancing system efficiency.
Volunteer Management System – C# / .NET
•"FPveloped using a Five-Tier Architecture with clear separation of concerns, adhering to software engineering best practices.
•"V–ÇB ÖöGVÆW2 `or volunteer-call matching, scheduling, and data presentation, streamlining volunteer management processes.
•"–× ÆVÖVçFVB ÖöGVÆ " „ÔÂÖ& 6VB F F 7F÷ age for maintainable long-term use, prioritizing data

integrity and accessibility.

Skills:
- &öpramming Languages: Java, JavaScript, C++, C#, Python
- peb & Software Development: .NET, WPF, HTML, CSS, JavaScript, React, Node.js, RESTful APIs
- "F F & 6W3 SQL, MySQL
- @ools: Visual Studio, VS Code, Git, GitHub, Postman
- "6öx WFW" 66–Væ6R `oundations: Algorithms, Data Structures, Graph Theory, Digital Systems, Cybersecurity, AI Fundamentals
- @esting (QA Automation): Selenium (Java), Cypress (TypeScript)

Languages:
English - Native
Hebrew - Native