SAGI MENAHEM

5th Year B.Sc. Computer Science Student
050-3056563 | sagimenahem.tech | sagiia1997@gmail.com | GitHub | LinkedIn

Profile:

I am a 5th-year Computer Science student with strong Full Stack capabilities, specializing in Java (Spring Boot) and React. I have a solid foundation in data structures, algorithms, and system architecture. **I am seeking a position as a student software engineering intern.**

Education:

The Open University (graduation 2026-2027):
- B.Sc. Computer Science, 5th Year.
- GPA: 83.
- Relevant Coursework – Data Structures and Introduction to Algorithms (90), Introduction to Computer Science and Java (86), Systems Programming Laboratory in C (93), Advanced Programming in Java (89).

Ahad Ha'am High School (2012-2015):
- Majors: Computer Science and Robotics FRC.

Personal Projects:

- SynchBoard – Real-time Collaborative Whiteboard (Full Stack): Developed a collaborative platform using Spring Boot 3.5, React 19, and WebSocket (STOMP/ActiveMQ). Orchestrated with Docker and Nginx, featuring PostgreSQL, JWT security, and complex Canvas API logic. GIT.
- Balance Insurance – Marketing Landing Page: Built a high-performance site with React 19 and Tailwind CSS v4, featuring accessibility tools and EmailJS integration. Achieved perfect 100/100 Google Lighthouse scores for Performance, SEO, and Accessibility.
- Harel Shemesh – Artist Portfolio: Designed an interactive gallery with TypeScript and Framer Motion, featuring a custom masonry layout and smart image optimization. GIT.
- C Laboratory: Developed a comprehensive assembler program.
- Java Swing-based BlackJack game: Developed a Java Swing application of the classic Blackjack game *before* my military service to learn Java and Swing, and the code was recently improved and updated.

Skills:

- Languages: Hebrew - Native, English - Fluent.
- Operating Systems: Windows and Linux.
- Programming Languages: Java, TypeScript, JavaScript, Python, C, SQL.
- Backend: Spring Boot 3, Spring Security, WebSocket (STOMP), REST APIs, JPA/Hibernate.
- Frontend: React 19, Tailwind CSS v4, Framer Motion, HTML5, CSS3/SCSS.
- Infrastructure & Tools: Docker, Nginx, PostgreSQL, ActiveMQ Artemis, Git.