

Tal Avivi

Software Developer

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Professional Summary

Computer Science student with a GPA of 95 and hands-on experience building full-stack applications. Strong foundation in algorithms, data structures, and software engineering principles. Experienced in backend systems, software architecture, and modern development technologies. Seeking a software development role where I can apply both academic and practical skills.

Education

- **B.Sc. Computer Science — The Academic College of Ramat Gan**

Expected Graduation: September 2027 | GPA: 95

Relevant Coursework: Data Structures, Algorithms, OOP (Java), C++, Python, Operating Systems, Computer Organization

- **Ecom College, Full-stack Web Development — 2022 - 2023**

Graduated with honors from a rigorous **355-hour** program covering all aspects of **full-stack web development**, including **front-end** and **back-end** technologies.

Projects

Real-time Chat Application

- Designed and implemented a scalable real-time communication system using JWT authentication and WebSocket architecture.
- Built secure user management, group messaging, and file transfer functionality.
- Technologies: **React.js, Node.js, Express.js, MongoDB, Socket.io, Cloudinary.**

Safe Flight Project

- Designed and implemented a role-based flight safety management system with secure access control and complex relational data modeling.
- Developed backend logic and database workflows for operational management.
- Technologies: **React, Spring Boot, Axios, React Router, Spring Security, PostgreSQL.**

Skills

- **Programming Languages:** Java, JavaScript, Python, C++
- **Concepts:** Object-Oriented Programming, Data Structures, Algorithms, REST APIs, Authentication, Software Architecture
- **Backend:** Node.js, Spring Boot, Express
- **Databases:** PostgreSQL, MongoDB
- **Frontend:** React
- **Tools:** Docker, Github, Vercel, Netlify

Military Service

- **March 2016 - November 2018**

Served in the Home Front Command Rescue Corps with honors; demonstrated teamwork and leadership under high-pressure conditions.

Languages

- **English** — Professional working proficiency
- **Hebrew** — Native