

SAGI MENAHEM

5th Year B.Sc. Computer Science Student

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Profile:

I am a 5th-year Computer Science student with strong Full Stack capabilities, specializing in Java (Spring Boot) and the modern React ecosystem (Next.js, Astro). I have shipped production e-commerce and SaaS platforms and 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).

Personal Projects:

- [DelareaTickets](#) – Football Ticket & Travel E-Commerce Platform (Full Stack): Built a Hebrew-first RTL platform on Next.js 16, React 19, Supabase, and Drizzle ORM, featuring stadium seat maps, Cardcom payments, a 20-page admin panel, daily fixture sync from API-Sports, and a PWA service worker. [GIT](#).
- [MasterDealer](#) – Poker Session Tracking SaaS (Full Stack): Built a multi-tenant SaaS on Next.js 16, Supabase Realtime, and Drizzle, with role-based permissions, an automatic settlement algorithm, RTL i18n (HE/EN/RU), and precise financial math via decimal.js. [GIT](#).
- [Maskiled Israel](#) – LED Screens E-Commerce Platform (Full Stack): Built a Next.js 16 + Supabase storefront with a custom CMS, Supabase Auth (email + Google OAuth), a TipTap blog editor, and role-based access (Owner/Admin/Vendor/User). [GIT](#).
- [SynchBoard](#) – Real-time Collaborative Whiteboard (Full Stack): Built a collaborative platform with Spring Boot 3.5, React 19, and WebSocket (STOMP/ActiveMQ), orchestrated with Docker and Nginx, featuring PostgreSQL, JWT security, and Canvas API logic. [GIT](#).
- [Sagi Menahem Portfolio](#) – 3D Personal Landing Page: Built a 3D portfolio with Astro 5, React 19, and Three.js (R3F), featuring a GPU-accelerated particle system with custom GLSL shaders, scroll-synced GSAP animations, and Web Worker geometry generation. [GIT](#).

Skills:

- Languages: Hebrew - Native, English - Fluent.
- Programming Languages: Java, TypeScript, JavaScript, Python, C, SQL.
- Backend: Spring Boot 3, Spring Security, WebSocket (STOMP), REST APIs, JPA/Hibernate, Next.js 16 (App Router, Server Actions), Supabase, Drizzle ORM.
- Frontend: React 19, Tailwind CSS v4, Framer Motion, Astro, Three.js (R3F), GSAP, Zustand, shadcn/ui.
- Infrastructure & Tools: Docker, Nginx, PostgreSQL, Git, Vercel, Sentry, EmailJS.