



Shai Ben Hemo

Software Developer

✉ benhemoshai@gmail.com ☎ +972543296450 🔗 Portfolio  LinkedIn  Github

PROFILE

Graduated with a B.Sc. in Computer Science, I am a motivated and quick learner passionate about full stack development. My analytical skills and creativity allow me to effectively solve complex technical challenges across both front-end and back-end technologies. With proven project management abilities and strong interpersonal skills, I thrive in collaborative environments, dedicated to leveraging technology for meaningful impact.

EDUCATION

B.Sc. in Computer Science
Reichman University (IDC) - GPA 80

10/2021 – 10/2024
Herzliyya

- Core Courses: Java Programming, System Programming in C, Data Structures, Digital Architectures, Algorithms, Operating Systems, Machine Learning, AI Developing.
- IDC Dev Club Alumni: Completed a six-month R&D program focused on software development, where I participated in advanced lectures, hands-on coding sessions, and collaborative projects.

PROJECTS

Animal Arts E-Store 🔗

Developed an Angular-based e-commerce platform integrated with a Node.js backend and MongoDB database. Implemented features such as product listing, reviews, user authentication, and image uploads using AWS S3. Focused on responsive design, RESTful APIs, and secure data handling.

Lane Detection 🔗

Developed a system to detect lanes in videos from car dashboards, functional during day and night.

MyWatchlist 🔗

Created an Android mobile app allowing users to manage their watchlist. Utilized Retrofit, Room library, Hilt Module, and MVVM architecture.

SKILLS

Client-Side Development

Languages: TypeScript, JavaScript, HTML, CSS | Frameworks & Libraries: Angular, Angular Material, React.js, Redux, Tailwind CSS, Bootstrap

Server-Side Development

Languages: Python, C# , Java, JavaScript | Frameworks & Libraries: .NET, ASP.NET, Flask, Node.js, Express.js
Python Libraries: Pandas, Numpy, Matplotlib, OpenCV, Databases: SQL (MySQL, PostgreSQL) MongoDB, Redis

PROFESSIONAL EXPERIENCE

Computer Science and Mathematics Instructor

07/2019 – present

Teach Computer Science and Mathematics to 9th-12th grade students, designing lessons that foster critical thinking and coding skills. Encourage students to approach complex mathematical and computational concepts from new perspectives, resulting in enhanced problem-solving abilities and academic success in both subjects.

MILITARY SERVICE

Reserve Service

03/2019 – present

Serve as an Intelligence Operations Officer, overseeing intelligence gathering and analysis to support mission-critical operations and decision-making.

Mandatory and permanent service

11/2014 – 03/2019

- Company Commander & Officer, IDF Combat Intelligence Corps - Led a company of 4 combat teams, including 4 officers, 10 commanders, and 60 warriors.
- Managed special projects and operations.
- Platoon commander in the Combat Intelligence Officer's course, training future officers.
- Graduated IDF Officer Training School and the Combat Intelligence Advanced Training as an outstanding officer and warrior.