

Omer Mandalaoui

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Driven Front-End / Full-Stack Developer and 3rd-year Computer Science student with proven leadership managing teams of up to 150 in high-pressure environments. Experienced in JavaScript, React, Node.js, and Docker, with a track record of delivering responsive, user-focused applications.

Skills

Programming Languages: JavaScript, C, C++, C#, Java, Python, x86 Assembly

Frameworks & Libraries: React, Node.js

Tools & Platforms: Git, Docker, MongoDB, JIRA, Wix (basic site creation), GitHub Actions, Netlify

Development Environments: VS Code, CLion, Android Studio, Excel

Methodologies: OOP, MVC/MVVM, Responsive Web Design, RESTful APIs, Agile

Projects

[Movie Streaming System](#) – Full-Stack Web & Android App (Academic Project – Bar-Ilan University)

- Built with React, Node.js, MongoDB; applied MVVM architecture and Dockerized backend.
- Managed sprints and tasks via JIRA.

[TrueValueLL](#) – Interactive Real Estate Valuation Tool (Independent Project)

- Created with Wix Velo, JavaScript, and Wix CMS.
- Developed an interactive web tool for estimating real estate property values.

[Mortgage AI](#) – AI-Driven Mortgage Analysis Platform (Independent Project)

- Built with React, Node.js, Express, OpenAI API.
- Integrated automated rate updates via GitHub Actions and deployed to Render and Netlify.

[Brick-Breaker Game](#) – Java Desktop Arcade Game (Academic Project – Bar-Ilan University)

- Developed a desktop arcade game in Java using OOP principles and MVC architecture.
- Implemented real-time collision detection, scoring system, and responsive UI.

Military Background

Company Commander, Basic Training - Human Resources School Jul 2021 - Oct 2022

- Led a team of 3 officers delivering basic training and HR courses to 30–150 soldiers per cycle, applying leadership, project management, and coordination skills in high-pressure environments.

Human Resources Officer Oct 2020 - Jul 2021

- Oversaw HR operations for 100+ personnel, improving workflow efficiency and cross-department coordination while ensuring compliance with military protocols.

Officer Training Commander - Human Resources School Jan 2020 - Oct 2020

- Mentored and trained 10–16 soldiers in leadership, discipline, and operational excellence, preparing them for success at the IDF Officers School (Bahad 1).

Education

B.Sc. in Computer Science - Bar-Ilan University Dec 2023 – Present

- **Expected Graduation:** 2026

Ehad-Haam High School 2016 – 2018

- Majored in Software Engineering, Physics, Math, and English.