Omer Mandalaoui

Petah Tikva • 053-822-8882 • Mandalaoui.omer@gmail.com • LinkedIn • GitHub

Interests: Front-End Development, Full-Stack Applications, Software Engineering

Second-year Computer Science student with a strong background in leadership and operations from military service. Proven ability to manage teams, drive results, and work collaboratively. Passionate about software development and eager to contribute and grow in a professional tech environment.

Skills

Languages & Frameworks: C, C++, C#, Java, Python, JavaScript, Node.js, React

Tools & Technologies: Git, Docker, MongoDB, REST API, JIRA, Wix (basic site creation), x86 Assembly (low-level programming)

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

Projects

Brick-Breaker Game – Java desktop game – watch here
- Developed a desktop arcade game using Java, applying OOP principles and MVC architecture.
- Implemented real-time collision logic, scoring system, and responsive user interface.

Movie Streaming System – Full-stack cross-platform app – watch here
- Built a streaming platform for Web and Android using React, Node.js, and MongoDB.
- Utilized MVVM architecture, containerized the backend with Docker, and managed tasks with JIRA.

Military Background

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

- Led 3 course instructors and oversaw the training of 30-150 soldiers every three months, managing basic training and foundational HR courses.

Human Resources Officer   Oct 2020 - Jul 2021

- Managed HR for a battalion of 30 permanent staff and 70 soldiers, focusing on development and welfare, and oversaw HR operations for division personnel.

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

- Commanded and trained 10-16 soldiers, preparing them for the officer training course at Bahad 1 (IDF Officers School).

Education

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

Ehad-Haam High School   2016 – 2018

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