

Omer Mandalaoui

Junior Full-Stack Developer | React • Node.js • JavaScript

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Full-Stack Developer and 3rd-year Computer Science student with leadership experience managing teams of up to 150 personnel. Skilled in JavaScript, React, Node.js, and Docker, delivering scalable and user-focused applications.

Skills

Languages: JavaScript, TypeScript, Python, Java, SQL

Familiar with: C, C++, C#

Full-Stack: React, Node.js, Express, MongoDB, MySQL, REST APIs, JWT

Tools & Methodologies: Git, Docker, GitHub Actions, JIRA, OOP, MVC, Agile

Projects

WanderWise - AI-Powered Trip Platform | Independent Full-Stack

- Built an LLM-driven itinerary engine combining structured route data with user preference modeling.
- Architected a full-stack architecture using React, Node.js, MongoDB. Containerized with Docker.

TeacherAssistantAI - Research Intelligence Platform | Academic Full-Stack

- Engineered a SQL-based exploration system over structured academic datasets.
- Designed and optimized a normalized MySQL schema to support scalable analytical workflows.

Mortgage AI - AI-Driven Analysis Tool | Independent Full-Stack

- Built a production web application delivering automated mortgage insights.
- Integrated OpenAI API for financial analysis and implemented CI/CD with GitHub Actions.

Movie Streaming System - Full-Stack Web & Android App | Academic Full-Stack

- Engineered a cross-platform streaming system with secure JWT authentication and RESTful backend services.
- Designed and containerized backend services with Docker within an Agile development workflow.

Client Production Applications | Independent Work

- [Mika Coffee](#) - React-based café website optimized for performance and WCAG compliance.
- [TrueValueIL](#) - Real estate valuation system with custom pricing logic in JavaScript (Wix Velo).

Military Background | IDF – Human Resources Officer (2019–2022)

- Led and mentored officers and soldiers, managing training cycles for up to 150 personnel in high-responsibility environments.
- Oversaw HR operations for 100+ personnel, improving coordination, workflow efficiency, and compliance processes.
- Developed leadership, project management, and cross-functional communication skills under operational pressure.

Education

B.Sc. in Computer Science - Bar-Ilan University

- Expected Graduation: 2026

Dec 2023 - Sep 2026