

# Omer Mandalaoui

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

mandalaoui.omer@gmail.com | 053-822-8882 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

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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

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**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

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**[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.
- [TrueValueLL](#) - Real estate valuation system with custom pricing logic in JavaScript (Wix Velo).

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

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- 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

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

Dec 2023 - Sep 2026

- **Expected Graduation:** 2026