

Daniel Omesi

Ramat Gan, Israel | omesidaniel@gmail.com | 053-303-9096

Full-Stack Software Engineer | React • Node.js • Java • C# | CS Graduate, 2025

Passionate about building real-time, scalable apps. Strong foundation in Java, C#, and modern web tech like React and Node.js. Team player with hands-on experience across the stack.

Links

LinkedIn - <https://www.linkedin.com/in/daniel-omesi/>

Portfolio - <http://danielomesi.github.io/portfolio>

GitHub - <https://github.com/danielomesi>

Education

BSc in Computer Science

2021-2025

The Academic College of Tel Aviv-Yafo

Notable Elective Courses with High Achievement

Object Oriented Programming in C# and the .NET Framework | Intro to Development in Linux Environment |

Machine Learning with Python | Java Application Development

Projects

Cluetact – Real-Time Multiplayer Game

- Full-stack multiplayer word game using **React**, **Node.js**, **Socket.IO**, and **MongoDB**. Built **JWT + Google OAuth login**, real-time **socket events**, **REST API**, **React Router** navigation, and a dynamic game flow with role-based state.

Shticell – Java Spreadsheet App

- Built a spreadsheet app with a **JavaFX** frontend and a **Java servlet-based backend**, deployed on **Tomcat**. Implemented a **REST API** with **DTOs**, **controllers**, and custom logic for **formula parsing**, **cell dependency resolution**, and **circular reference detection**.

Facebook Desktop App – C# & API Integration

- Developed a desktop app in **C#** using **WinForms**, integrating with the **Facebook Graph API** to display user posts, albums, events, and liked pages. Added a **text rephrasing** feature via **The Paraphrase Genius API**.

NNR Classifier – Machine Learning in Python

- Built a **custom ML algorithm** in **Python** for **classification** and **regression** using the **Nearest Neighbors in Radius** method. Designed a full **CLI tool** with **NumPy** for distance calculation, CSV parsing, and performance evaluation.

Flights Data Service – Linux & Docker Project (C++)

- Built a **C++** client-server app with **TCP sockets**, **Makefile** builds, and **Docker Compose** for multi-container setup. Parsed **JSON flight data**, handled CLI commands, and ran in a **Linux environment** with mounted volumes.

Professional Experience

Sales Associate, Bug Multisystem

2022-Present

- Provide technical support and product recommendations.
- Assist customers in English and Hebrew.
- Train new employees on products and sales.
- Earn performance-based bonuses for high sales.

Military Experience

Combat Soldier & Medic, IDF

2017-2020

- Completed full service with combat and medical responsibilities.
- Received Certificate of Excellence.

Key Skills

Coding Languages – JavaScript, Java, C#, Python, C++, C, HTML, CSS

Frameworks & Libraries – React, Node.js, .NET, Express, Socket.IO, JavaFX, WinForms

Tools & Environments – Docker, Tomcat, Visual Studio, IntelliJ, VS Code, Linux

Concepts – REST APIs, MVC, Git, GitHub, Design Patterns

Languages

- Hebrew (Native)
- English (Fluent)
- Spanish (Working Knowledge)