



Yael Karat

Junior Software Developer



Projects

TruthLens

An AI-powered web application that detects misinformation and bias in social media content using **OpenAI's GPT-3.5-Turbo**.

Built with a **Flask** backend and **React** frontend, featuring bilingual support (English/Hebrew) and advanced natural language analysis.

Big Data Analysis Project

A comprehensive data analysis project using **SQL** and **Python** on a large weather dataset from Brazil. Utilized DuckDB and SQLite for data processing, complex SQL queries for insights, and Python scripting for automation and visualization.

Chat Room Web App

chat platform built using the **Spring Boot MVC framework**.

This application combines robust backend functionality with a friendly and Responsive UI to provide a seamless and interactive chat experience.

Pizza Ordering Website

Frontend development with **React** and Backend development with **REST API (Spring)**.



Contact Me



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[LinkedIn Profile](#)



[GitHub Profile](#)



About Me

I am technologically-oriented, creative, with troubleshooting skills and a team player.



Skills

- Python
- Flask
- SQL
- HTML
- CSS
- Javascript
- Java
- C++
- GitHub
- React
- Node.js
- Test Automation Frameworks



Language

- Hebrew - native
- English - Intermediate



Education

(2021 - 2025)

**JERUSALEM MULTIDISCIPLINARY ACADEMIC CENTER
(FORMERLY HADASSAH ACADEMIC COLLEGE),
JERUSALEM**

B.Sc. Computer Science Student

Courses:

Cyber seminar, Python, SW testing & automation, Big Data Analysis, HW-SW Systems & Assembly, Computers architectures, Web Development, NLP and more.