

# OFEK SHPIRER

## Software Developer

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GitHub



LinkedIn

## About Me

Fullstack Developer with expertise in React, Node.js, and Java, specializing in scalable backends, database optimization, and API integration. Strong problem-solving skills in high-pressure environments.

Seeking to contribute to an innovative team.

**Volunteered** for about a year at the Hasdei Irit Association, which packs and distributes food to needy families.

## Expirence

### SuperEZ

An innovative web application designed to help users find the most cost-effective shopping options by comparing supermarket prices. Full-Stack Implementation:

Architecture: Model-View-Controller (MVC).

Client-Side: Built with **React TypeScript**, creating a responsive and user-friendly interface.

Server-Side: Developed using **Node.js** to ensure robust and scalable server-side functionality.

Web Scraper: Designed a custom scraper in Python using the Selenium library to fetch real-time product prices from various supermarkets.

Database: **MongoDB** utilized for efficient storage and retrieval of user carts and product data.

### Dr. Computer

Developed a sophisticated web application utilizing the MVC architecture, designed as a dynamic forum for computer technology enthusiasts. Full-stack implementation:

Architecture: Model-View-Controller (MVC).

Comprehensive API documentation: Utilized **Swagger** to provide clear, interactive documentation for all endpoints, facilitating easier integration and maintenance.

API Integration: Incorporated Bing's **REST API** to showcase the latest 10 technology articles, keeping users informed on cutting-edge developments.

Client-Side: Built with **React TypeScript** for enhanced code quality and maintainability.

Server-side: Built with **Node.js**.

Database: Utilized **MongoDB** for efficient data storage and retrieval.

## Technical Skills:

**Web Development:** React, Typescript, Node.js, HTML&CSS

**Programming Languages:** Java, C, C++, JavaScript

**APIs & Documentation:** REST API, Swagger

**Databases:** MongoDB, Firebase

## Education

2021 - 2024:

**Bachlor of Sience in Computer Science** - The College of Managment Academic Studies, Rishon Lezion.

Relevant coursework: Data Structures & Algorithms, Object oriented programming, Software Engineering .

**Languages:** **Hebrew:** native - **English:** fluent