

# Fullstack Developer - React, Node.js, Express & SQL

Avital Attiah

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Motivated Computer Science student and Fullstack Software Developer with practical experience in JavaScript, React, Node.js, Express, and SQL databases. Proven ability to build end-to-end projects, apply theoretical knowledge in real-world scenarios, and collaborate effectively. Skilled in version control with Git and GitHub, and dedicated to delivering high-quality, innovative solutions. I am a creative thinker, curious and ambitious, always striving to improve myself and contribute innovative ideas. I am reliable, collaborative, and enthusiastic about helping others, while remaining dedicated to achieving high-quality results. Skilled in both independent learning and teamwork, I focus on practical implementation, integration of hardware and software, and applying advanced technologies such as React, Node.js, C#, and Arduino.

## Professional Experience

### Internship – Rachip (Ready), Hardware R&D (360)

- Developed and verified chip simulations as part of an industry-oriented training project.
- Built a complete end-to-end project: simulation, testing, and integration.
- Worked under personal mentorship, applying theoretical knowledge from Computer Science and Practical Engineering studies into real-world practice.

## Technical Skills

**Programming Languages:** C, C++, C#, Java, Python

**Web & Frontend:** HTML5, CSS, JavaScript, TypeScript, React, Node.js, Express, Web API

**DevOps:** Git, GitHub, CI/CD, Docker, Jenkins

**Testing:** Selenium, Cypress

**Embedded & Microcontrollers:** Arduino, UART, I2C, SPI

**Databases:** SQL, MySQL – queries and performance optimization

**Systems & CS Fundamentals:** Operating Systems (processes, synchronization, memory management), Data Structures, Algorithms

## Education

**Expected 2025-** B.Sc. Computer Science – Tuvuna Academic College (Machon Lev)

**2025-** Professional Bootcamp (GRTech) – in collaboration with Google & Reichman University  
+ Internship at Rachip (Ready)

**2023–2025-** Practical Engineering Diploma (MAHAT) – Joint program with Machon Lev

**2019–2023-** High School Graduate with Excellence – Major in Mathematics (5 units), Electronics (Hardware) and Software.

## Selected Projects

**Volunteer Management System (ERAN NGO)** – C# 5-layer architecture project for managing calls and volunteers, developed in a team over one year using Git, [https://github.com/Avital-Attiah/dotNet5785\\_4980\\_5607](https://github.com/Avital-Attiah/dotNet5785_4980_5607)

**Podcast Management Platform** – Fullstack project with Node.js, Express, MySQL, and React. Included form management, REST API integration, security, and direct client collaboration.

**Arduino Robot for the Visually Impaired** – Designed and built a laundry-sorting device based on color detection.

## Languages

Hebrew – Native . English – Very High Level