

# Fullstack Software Developer | JavaScript, React, Node.js & SQL

Avital Attiah

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Motivated Computer Science student with proven Fullstack development experience, specializing in JavaScript, React, and Node.js. Skilled in building robust backend solutions with Express and integrating with SQL databases. Proficient in version control using Git and GitHub, and dedicated to practical implementation of advanced technologies for high-quality software 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