

Chedva Sebbag

Junior Software Developer | Computer Science Student
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Professional Summary

Highly motivated and detail-oriented Junior Software Developer, based in Jerusalem, with a strong academic foundation and hands-on experience in system development, robust **SQL** database management, and **API integrations for 3rd party systems**. Actively pursuing a B.Sc. in Computer Science and eager to apply strong problem-solving skills and rapid learning ability to master enterprise resource planning (ERP) systems like **Priority**.

Proven proficiency in **JavaScript** development, building interactive web applications, and delivering professional solutions. Committed to contributing to complex organizational needs, treating challenges as opportunities for growth, and quickly adapting to new technologies and client requirements.

Technical Skills

Databases & SQL: MySQL, SQL (including complex queries), MS Access

API & Integrations: RESTful APIs, developing interfaces to 3rd party systems

Programming Languages: JavaScript (Node.js, Express, React), C#, Java, Python, C (advanced)

Desktop Development: .NET Framework, WPF, Windows Forms

Web Development: HTML5, CSS3, React, Node.js, Express

System Architecture & Methodologies: Design Patterns, OOP principles, System Architecture, Agile, Scrum, CI/CD Pipelines (Jenkins, Docker, GitHub Actions)

Automation & QA: Selenium, Postman, Automation Testing, QA methodologies, Cypress (TypeScript)

Operating Systems: Windows, Linux, UNIX

Version Control: Git, GitHub

Hardware & Verification: Verilog, UVM, hardware verification, Embedded C (Microcontrollers, I2C/SPI, concurrency handling)

Artificial Intelligence & Machine Learning: Basic concepts and applications, AI-assisted coding (Gemini), AI Agents

Security & Information Security: JWT, token, data encryption, secure coding practices

Tools & IDEs: Visual Studio, IntelliJ IDEA, Eclipse, VS Code

Experience

Practicum – READY Company

(2025 – Present)

Executed hardware verification (Verilog, UVM), built automation flows, and applied Linux scripting for hardware testing.

JavaScript Instructor – Tappuach Organization

(2024 – Present)

Led hands-on training in core **JavaScript**, mentoring students to build interactive web apps and express creativity through project-based learning, demonstrating strong communication and problem-solving skills.

Private Tutor – Computer Science & Math

(2020 – Present)

Mentored students in programming and math, fostering algorithmic thinking, problem-solving, and academic success.

Projects

Key projects demonstrating robust system development, database interaction, and API integration capabilities:

Magen David Adom (MDA) System

Developed a layered **C# system (5-layer architecture)** on **.NET** for MDA, managing volunteer data and scheduling via **RESTful API integration**.

Restaurant Order Management System (Ten Bis Simulation)

C# WPF app with Access DB, simulating orders, deliveries, and customer tracking, built with MVVM for modular design.

Pick Your Ride

Full-stack platform built with **React, Node.js, Express, and MySQL**, enabling peer-to-peer private car listing and booking. Features real-time status updates and **RESTful API integration**.

Law Firm Website – Client Project (React)

Built a responsive, multilingual site (HE/EN/FR) with UI/UX design, SEO, and **EmailJS forms**, fully tailored to client needs. [View Project->](#)

Education

B.Sc. in Computer Science (In Progress)	Lev Academic Center (JCT), Jerusalem	(2023 – Present)
Power Tech Program	– Google & Reichman University	(2025 – Present)
Intensive training in Agile, CI/CD, automation testing, embedded C, and AI-assisted coding.		
Practical Engineering Diploma – Software Engineering	MAHAT	(2023 – 2025)
High School Diploma	STEM-focused, high GPA	(2019 – 2022)

Languages

Hebrew: Native **English:** Professional **French:** Conversational

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