




Sara Chester

Professional Developer

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Professional Profile

I am a Computer Science student with extensive technological expertise and hands-on development experience. Strong analytical thinking, problem-solving skills, and rapid learning capabilities. Experienced in both independent and collaborative project development, with a passion for technological challenges and innovative solutions. Committed to excellence throughout all development phases—from conception to deployment.

Education

2023-2025: Bachelor's degree in computer science, JCT Lev Academic Center (73 credits) - Currently enrolled, high academic achievements

2023-2025: Software Engineering Diploma Technician Certificate, Technological College -MAHAT

2024-2025: Teaching Certificate

2025: Private tutoring through PERACH Project - Preparing students for matriculation exams

Technical Skills

Programming Languages: Java, C, C++, C#, SQL, Python, HTML, CSS, JavaScript.

Frontend: .NET, Hooks, Web API, AJAX.

Tools & Platforms: Git, XML, JSON, MySQL, ES6+, React, Node.js.

Development Environments: Visual Studio, VS Code, PyCharm, IntelliJ, SQL Server, PostgreSQL.

Operating Systems: Linux, Windows.

Backend: Express, Node.js, Web API, OOP.

Design Patterns: Structural (Adapter, Composite, Bridge, Decorator, Flyweight, Proxy), Creational (Singleton, Abstract Factory, Factory Method), Behavioral (Observer, Iterator, Strategy, Command, Template Method)

Project & Experience

Node.js Server: Built a server simulating "JSON Placeholder" with full CRUD capabilities

Technologies: React | Node.js | Express | MySQL

Volunteer Management System: Development in Windows Environment including layered architecture model

Technologies: C# | .NET | WPF | XML | MVVM | OOP

SQL Optimization: Enhanced database performance using advanced SQL techniques

Networked System: Simulation of XMLHttpRequest and client-server communication

Languages

English: Advanced proficiency (US Citizenship), **Hebrew:** Native