👋 Hi, I'm Elisheva Cohen

Full Stack Software Developer with a strong engineering mindset and hands-on experience building production-ready, client-facing systems.

I focus on writing clean, maintainable code, designing clear API contracts, and delivering end-to-end features from technical specification to working production solutions. I value good architecture, clear separation of concerns, and predictable system behavior.

🧠 What I Work On

- End-to-end development of **full stack systems** used by real users
- Designing **backend APIs** with clear contracts, validation, and error handling
- Building **data-driven React applications** with a strong UX focus
- Applying **Clean Architecture** and layered design principles
- Translating requirements into technical designs and implementation
- Working in **Agile teams** with shared ownership and code quality standards

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👉 Tech Stack (Focused & Current)

Core Stack

- **Languages:** Python, TypeScript
- **Frontend:** React, React Query, Redux, HTML, CSS, TailwindCSS
- **Backend:** FastAPI, .NET Core Web API, Node.js (Express)
- **Databases:** MongoDB, SQL Server
- **APIs & Concepts:** RESTful APIs, async programming, background tasks, JWT authentication

Architecture & Practices

- Clean Architecture, MVC
- DTO-based APIs, validation, centralized error handling
- API contracts, concurrency considerations

Tooling

- Git, GitHub
- Postman
- Jira, Confluence
- Docker (basic usage)

Additional Technical Background

- Languages: C#, Java, C/C++
- Frameworks: Entity Framework, Spring Boot, JPA, Hibernate
- Operating Systems: Linux, Windows
- Computer Science fundamentals: Algorithms, Data Structures, Operating Systems

😥Selected Projects

🐱Employee Management & Time Tracking System

Full Stack | FastAPI · MongoDB · React · TypeScript

- Developed end-to-end features in a client-facing employee management system
- Designed RESTful APIs with complex business logic and strict response contracts
- Implemented background processing and concurrency-safe alert mechanisms
- Built responsive React interfaces with centralized error handling and RTL support
- Planned MVP-to-production feature evolution without breaking existing API contracts

🤖AI-Powered Smart Learning Platform

MERN Stack | OpenAI API

- Built a modular learning platform using MongoDB, Express, React, and Node.js
- Designed a layered backend architecture (controllers, services, models, routes)
- Integrated OpenAI API to generate dynamic learning content
- Implemented JWT-based authentication and role-aware dashboards
- Added pagination, filtering, and robust validation for a production-ready MVP

💛Pizzeria & Photo Printing Management Systems

.NET Core | MVC | SQL Server

- Developed backend-driven systems using .NET Core and Entity Framework
- Worked with layered MVC architecture and SQL Server persistence
- Collaborated in Agile teams with task ownership and iterative delivery

😷Retro E-Commerce Store

React · Redux · JavaScript

- Built an online store with product browsing, search, and cart management
- Implemented global state management using Redux
- Delivered a fully responsive UI with a strong user experience focus

😮How I Approach Development

- I start by understanding the **problem and constraints**, not just the solution
- I design APIs and components with **future change in mind**
- I prefer clarity over cleverness and predictable behavior over hidden magic
- I treat testing, validation, and error handling as part of the feature—not extras

😃Get in Touch

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I'm looking for a full stack or backend-focused role where I can contribute to real production systems, grow under strong engineering mentorship, and continue developing as a software engineer 🚀