# Curriculum Vitae

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Summary Highly motivated and practical Software Development Engineer with 4+ years of experience specializing in backend development, infrastructure, and AI-assisted solutions. Proven ability to design, develop, and implement complex software components and reusable patterns. Seeking to leverage deep expertise in .NET development, cloud-native technologies, and a passion for leading technical innovation within a dynamic enterprise environment.

Core Technologies Languages: C#, .NET (incl. .NET 8, .NET 10), Java, TypeScript, Python, C, C++ Backend: ASP.NET Core, RESTful APIs, Node.js, Express, LINQ Frontend: React, Angular (familiarity with AngularJS concepts) Databases: SQL Server, PostgreSQL, MySQL Infrastructure & DevOps: Docker, Kubernetes (familiarity), Git, GitHub, Azure DevOps, CI/CD Cloud: GCP (familiarity) Embedded: Microcontrollers (I2C/SPI/UART), C

Experience (Placeholder for Professional Experience if applicable, otherwise focus on Projects)

Projects

Full Stack Developer - Chavruta Management System (2025) • Spearheaded the development of a three-layer architecture using C# and .NET Core, comprising Routes, Controllers, Services, and MySQL backend. • Implemented robust security features including JWT authentication, HttpOnly Cookies, bcrypt, and authorization middleware. • Designed and developed a comprehensive REST API with advanced functionalities such as filtering, sorting, pagination, JOIN queries, and JSON field handling. • Developed a dynamic React client with multi-step forms, protected routes, FormData integration, and sophisticated server-client error handling. • Integrated email notifications for enhanced user communication.

Backend Developer - Volunteer Management System (2025) • Architected and built a Three-Tier Application, effectively separating Presentation, Business Logic, and Data Access layers using C# and .NET Framework principles. • Applied core Design Patterns including Observer, Singleton, Simple Factory, and Dependency Injection to ensure maintainable and scalable code. • Developed a sophisticated Business Logic layer leveraging LINQ, XML persistence, generics, and structured exception handling. • Created a WPF client utilizing the MVVM pattern for clear separation of concerns and data binding for a responsive UI. • Implemented multithreading and async operations to ensure a highly responsive user interface and efficient background processing.

Frontend Developer - Dynamic Form App (2025) • Developed a standalone React client capable of consuming existing REST APIs, efficiently managing complex forms, dynamic UI states, and data visualization.

Desktop Developer - Smart Lost-and-Found (2022) • Designed and implemented a WPF desktop application using C# and WPF, employing SQL Server for efficient data management and item matching.

Education

2025 (Ongoing) - Google & Reichman Tech School - Software Development (Power Tech) Program • Intensive 180-hour training covering Agile methodologies, CI/CD (Git, GitHub, Jenkins, Docker), automation (Cypress TS, Selenium Java), real-time C for microcontrollers (I2C/SPI/UART), and AI Agents & Function Calling using Gemini.

2023-2025 - Lev Academic Center - Excellence Program • Diploma: Practical Software Engineer (MaTa"H), GPA: 91/100.

2019-2022 - Bnot Elisheva High School • Achieved 10 units in Computer Science (WPF C#), 5 units in Mathematics, and 5 units in English.

Languages Hebrew: Native English: Fluent (C1)