

Batya Zilberberg - Full Stack Developer

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Profile

Full Stack Developer with experience in end-to-end development, strong logical thinking, and a high learning capacity. Excels in both independent work and team collaboration, and is eager to join a challenging technological environment.

Professional Knowledge

Programming Languages: .NET, Java, Python, C, C++, C#, Node.js, SQL

WEB Development: HTML, CSS, JS, TS, React, Angular, React Native, Flutter

Additional Technologies: Spring, Maven, Entity Framework, JWT, Minimal API, QA

Databases: SQL Server, MySQL, PostgreSQL, SQLite, MongoDB

Cloud & DevOps: AWS (S3, EC2, IAM, DynamoDB, Lambda), Docker, CleverCloud, Render

Version Control: Git, GitHub

Operating Systems: Windows, Linux

Professional Experience

- **SaaS System for Trip Album Management** | .NET 9, React, Angular, PostgreSQL, AWS S3. Implemented a full-stack app with REST API, secure auth, OpenStreetMap integration, AI image generation (Stable Diffusion 2), React UI, Angular admin panel, and AWS S3 storage. Deployed with CI/CD on Render. [GitHub](#) | [Render](#)
- **Scholarship Manager** | Python, Pandas, CustomTkinter. Designed and developed a complete system for a client: scholarship calculation engine with Excel import/export, complex logic, and custom reports. Built in close collaboration to ensure full alignment with client needs. [GitHub](#)
- **Course Management System** | Angular, Node.js, JWT. Architected a comprehensive website for course management, student registration, and educational content management with JWT-based user authentication. [Render](#) | [GitHub](#)
- **CLI Tool for Code File Packaging** | .NET, WebApi. Created a command line application for combining multiple code files into a single file, supporting various programming languages and options for filtering and organization. [GitHub](#)
- **HTML Analyzer and Processor** | C#, .NET. Engineered an HTML parser with URL loading, hierarchical structure building, and CSS Selector querying. Optimized using efficient algorithms and design patterns. [GitHub](#)
- **Interactive Memory Game** | JavaScript, HTML, CSS. Designed a dynamic memory game with multiple difficulty levels, card matching logic, scoring, and leaderboard display. [Netlify](#) | [GitHub](#)

Education

2023–2025 | Software Engineering Studies | Israeli Ministry of Labor (MAHAT)

- Participated in the *Ultra Code* academic track by Kamatech: Algorithms, Data Structures, Mathematics, Operating Systems
- Completed an advanced **DevOps** course

Languages

Native Hebrew | Native-level English