Sindri Elfarsson

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About Me

I'm a .NET developer with a strong passion for building, whether it's code, wood, or ideas. During my internship at Web Express, I worked on everything from real-time applications using SignalR to AI-based tools that streamline workflows in the pharmaceutical industry. I enjoy being part of a team where ideas can be shared openly, but I also work well independently, exploring and solving problems on my own.

My background in the construction industry, where I worked as a carpenter for over 13 years, has given me a practical sense of structure, responsibility, and problem-solving. It has also shaped the way I think, I like understanding how things fit together and am driven by that moment when something starts to take shape and everything clicks into place.

C# and .NET are my home base, but I'm also curious and eager to explore new technologies to broaden my toolbox. What matters most to me is building things that work, stand the test of time, and bring real value.

Skills

C# • ASP.NET Core • Entity Framework Core • RESTful APIs • Blazor • HTML & CSS • SQL Server • SQL • React • TypeScript • Azure • Git / GitHub • Clean Code • Problem-solving • Teamwork & Collaboration • Swedish • English • Icelandic

Education

IT Högskolan, Stockholm (2023 - 2025)

- **.NET Development** – Focused on learning C#, ASP.NET Core, SQL, and full-stack development.

Experience

.NET Developer (Intern) – *Web Express TM* **(**September 2024 – Present**)**
- ❖ **Reference: Patrik Molin – patrik.molin@webexpress.se**

- **AI Tool for the Pharmaceutical Industry**
  - **Client**: SaaS solution targeting the pharma industry – Launching Summer 2025
  - Contributed to the development of an AI-powered tool that automates and improves pharmaceutical workflows, such as content validation against regulatory documentation.
  - Took part in planning, architecture, and building the complete solution – from data processing to decision support.
  - Integrated Azure Cognitive Search, Azure AI Services, and Blob Storage for real-time intelligent document analysis.
  - Co-founder (5% ownership) – responsible for development and technical architecture.

- **Real-Time Voting App with SignalR**
  - Participated in planning and architecture design.
    Built a real-time voting app using ASP.NET Core and SignalR.

- **Migration Project: Xamarin.Forms to .NET MAUI**
  - **Client**: Biogen (app for displaying exercises for SMA patients) – Launched
  - Migrated the mobile app from Xamarin.Forms to .NET MAUI.
  - Refactored large parts of the codebase and modernized the UI.
- **Migration Project: .NET Framework 4.6 to .NET 8**
  - **Client**: Nyföretagarcentrum – In production
  - Migrated an old MVC system from .NET Framework 4.6 to .NET 8.
  - Reorganized controllers, views, and database access to align with a modern ASP.NET Core architecture.
- **Reporting App for Field Technicians (Ongoing)**
  - **Client**: Svenska Elnät
  - Developing a reporting system where field staff fill in forms via a mobile app.
  - The admin panel is built in Blazor Server; the client is built using .NET MAUI Blazor Hybrid.
  - The system communicates with an ASP.NET Core API and generates PDF reports automatically stored in the client's OneDrive.

Personal Projects

Recipe App

Developed an application that extracts recipes from a URL and stores them in a database for future use.
Tech Stack:

- ASP.NET Core (C#) – Backend
- Blazor Hybrid (MAUI) – Frontend
- SQL Server – Database
- HttpClient – Web scraping
- Semantic Kernel – Text processing

Polling App (In Progress)

Creating a geographical polling app where users can vote and view results visualized on a map, segmented by region. The app provides real-time feedback and interactive data display. The solution is built using Clean Architecture for clear layer separation and scalability.
Tech Stack:

- ASP.NET Core – Backend
- Blazor Hybrid (MAUI) – Frontend
- Identity (JWT & Refresh Tokens)
- Azure SQL – Database
- Leaflet.js – Map visualization
- Clean Architecture