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.

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