

# Sindri Elfarsson

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## About Me

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.NET developer with a hands-on mindset and a passion for building, whether it's code, wood, or ideas. Experience in developing projects ranging from real-time applications using SignalR to AI-driven tools that streamline workflows in the pharmaceutical industry. My 13 years in the construction industry have shaped a structured, solution-focused approach to problem-solving. I enjoy working in team environments where ideas are shared openly, but I'm also comfortable working independently and solving problems on my own.

## Skills

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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

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### • IT Högskolan, Stockholm

*.NET Developer (2023 – 2025)*

Two-year education focused on full-stack development with C#, ASP.NET Core, and SQL. Included an internship to gain real-world experience as a .NET developer.

# Experience

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**.NET Developer (Intern) – *Web Express TM*** (September 2024 – May 2025)

❖ **Reference: Patrik Molin – [patrik.molin@webexpress.se](mailto:patrik.molin@webexpress.se)**

- **AI Tool for the Pharmaceutical Industry**

- **Client:** SaaS solution targeting the pharma industry – Launched
- 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 – Launched
- 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**

- **Client:** Svenska Elnät – Launched
- 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

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## 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