William Ellingsworth

Fullstack Engineer | .NET & Cloud Architecture Specialist Location: Gothenburg, Sweden

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Links: [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Profile

Ambitious and solution-oriented Backend Engineer with a strong focus on cloud-native systems and **Clean Architecture**. Transitioning from a high-performance logistics background, I bring a unique perspective on **process optimization**, "efficient flows," and reliability under pressure. I am dedicated to building stable, scalable architectures within the **.NET ecosystem** and am currently leveling up my competence in **LLM integration** and **AWS infrastructure**.

Technical Ecosystem

- **Core & Backend:** .NET (C#), EF Core, LINQ, REST APIs, Clean Architecture, MediatR, Java, Node.js.
- **Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD (GitHub Actions), Microservices.
- **Data & Persistence:** SQL Server, PostgreSQL, MongoDB, Redis, Repository Pattern.
- **Frontend:** HTML5, CSS3, JavaScript (React basics).
- **Tools:** Git, GitHub, SSMS, Visual Studio, JetBrains Rider, Swagger.

Featured Engineering Projects

TournamentsApi | .NET Backend

A robust, enterprise-grade backend solution for managing sports tournaments.

- **Architecture:** Implemented **Clean Architecture** with strict **Separation of Concerns** (Controllers, Services, DTOs) to ensure high testability and maintainability.
- **Data Persistence:** Leveraged **Entity Framework Core** with a Code-First approach, optimizing SQL Server queries for high-concurrency environments.
- **Performance:** Integrated asynchronous CRUD operations and query-parameter-based search logic to minimize latency.
- **Security:** Enforced data integrity using **Data Annotations** and specialized **DTO mapping** to secure the flow between client and database.

Education

Backend Developer (Cloud Specialist) | *NBI Handelsakademin* | **2025 – 2027**

- Focus on building scalable backend systems, database management, and cloud-native deployments (AWS/Azure).
- **Key Modules:** Database Technology, Cloud Services (AWS), System Design, Agile Methodologies.

Computer Programming (Preparatory) | *EL-Data Ängelholm*

- Foundational studies in logic and programming structures.

Professional Experience

My background in logistics has provided me with a deep understanding of operational efficiency and precision—traits I now apply to system architecture.

Logistics & Process Operations | *Beslag & Design, Willab, Martin & Servera* | **2019 – 2024**

- **Optimization:** Managed high-tempo workflows, identifying bottlenecks to increase throughput in picking and packing operations.
- **System Adaptability:** Quickly mastered various Warehouse Management Systems (WMS) to ensure data accuracy in large-scale supply chains.
- **Reliability:** Maintained a 100% focus on delivery accuracy and team collaboration in time-sensitive environments.

Why William?

I am 26 years old and 100% dedicated to my evolution as an engineer. I aim to bridge the gap between complex business logic and high-performance code. I don't just write functions; I build stable systems that solve real-world problems.