

Johan Enström

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Education

Skills

Attributes

Stockholms tekniska institut - 01/2025

Cybersecurity - Ongoing evening course

IT-Högskolan - 08/2022 - 06/2024

System development .NET

- OOP
- Web development with .NET
- Database development and administration
- Clean code and test-driven development
- Agile development
- Customer understanding, consulting and reporting

AI Sweden - 10/2023 - 02/2024

AI - Organization, value and implementation

NTI-Gymnasiet - 08/2009 - 06/2012

Technical university preparatory program

Backend

- C#, .NET, ASP.NET Core, Entity Framework, LINQ
- SQL Server, MySQL, MongoDB
- REST API, Node.js

Frontend

- HTML, CSS, JavaScript, React

DevOps and CI/CD

- Azure, AWS (Basic AWS)
- Git, Github, Azure DevOps
- Docker, CI/CD Pipelines, automation

Agile methodologies

- Scrum, Jira, Trello

Tools

- VS, VS Code, Postman

Languages

- Swedish (Native), English (Fluent), Spanish (basic)

Work experience

01/2024 - 05/2024

Internship, Junico

Developed a platform with ASP.NET Core and Azure SQL to automate data integration from an external API.

- Implemented efficient data manipulation methods using Entity Framework and ensured data integrity and quality through unit testing.
- Worked agile with Scrum and implemented CI/CD pipelines in Azure DevOps.

09/2023 - 12/2023

Internship, Knowledge group

Specialized in web scraping and API integration to develop an automated marketing platform for an AI conference.

- Created data collection spiders with Scrapy for data extraction.
- Developed python scripts and tools to streamline web scraping and data handling.

05/2023 - 09/2023

Supervisor, ICA Kvantum Liljeholmen

Part-time work during studies as a supervisor in the evenings until my first internship.

- Person in charge during evenings, ensuring efficient operations across all departments, maintained continuous communication with department managers and performed closing procedures.

02/2023 - 08/2023

First-line support, Sundbybergs kommun/Academic Work

Part-time work during my studies as first-line support for the citizens of Sundbyberg.

- Independently responsible for resolving issues and providing throughout assistance to citizens, requiring strong problem-solving skills and customer service abilities.

07/2016 - 08/2022

Department manager, ICA-Gruppen

Responsible for inventory management and staff, optimized sales through strategic product placement, and ensured compliance with safety and hygiene standards.

- Coached the team for increased efficiency and customer satisfaction, as well as developed strategies to boost sales and surpass previous results.

Projects

Web Application for Transition Study Support Applications

Developed a web application to streamline the application process for transition study support. Integrated educational data from the Swedish National Agency for Education's APIs (JSON and XML) and managed data with a custom database.

- Tech stack: ASP.NET Core, Entity Framework, Microsoft SQL Server, Azure DevOps (CI/CD).
- Security: Implemented Azure Key Vault and SHA-256 for authentication using JWT tokens.
- My role: Designed and implemented the backend API for CRUD operations, in-memory caching for performance optimization, and external API integrations.
- Outcome: Delivered a scalable and secure application that automated data management and ensured up-to-date educational information, improving the application process.

Forum Post System

Developed an object-oriented, command-line-based forum for creating and voting on posts.

- Tech stack: C#, .NET Core, Git.
- My role: Designed and built the system architecture, managed user interactions, and implemented error handling for a robust user experience..
- Outcome: Created a flexible and user-friendly system that facilitated seamless post management and interaction in a forum format.

Web Development – Recipe Page with Beverage Recommendations

Built a responsive web application that recommends beverages based on selected recipes using an external API.

- Tech stack: React, HTML, CSS
- My role: Designed and implemented UI components such as a search bar, navigation menu, and API integration.
- Outcome: Delivered a responsive and intuitive interface that enhanced user experience by providing relevant beverage recommendations.

Database Design and Implementation

Designed and implemented SQL Server databases and integrated them with ASP.NET Core via Entity Framework.

- Tech stack: Microsoft SQL Server, Entity framework, ASP.NET Core, AutoMapper.
- My role: Normalized databases to the third normal form, created generic services for CRUD operations, and integrated them into API controllers. Ensured proper data management through DTO conversion and efficient data processing.
- Outcome: Delivered a scalable and maintainable database with seamless integration, improving both development time and system performance.