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Fatih Aslancan
Software Developer

About me

I'm Fatih, a passionate developer with a hunger for learning and a knack for picking up new technologies quickly. With a patience and a dedication to clear communication, I strive to deliver top-notch results for every project I take on.
Being the best software developer is a lifelong journey. My journey in the world of development has been marked by a relentless pursuit of knowledge. Whether it's mastering the latest framework or diving into a new programming language, I thrive on the challenge of expanding my skill set.

Languages

English	**Advanced**	■ ■ ■ □ □
Turkish	**Native**	■ ■ ■ ■ ■

Skills

- C# • Go • Vue • React
- Svelte • JavaScript • TypeScript
- NodeJS • Docker
- Linux(Arch and Ubuntu) • SQL
- SQLite • PostgreSQL • Supabase
- Electron • Tanstack • ShadcnUI
- OpenAPI v3 • .NET 9 • Git
- GitHub

Experience (~5 Years)

2019 - 2024

Netvizyon Software and Hardware LC   Istanbul, Türkiye

Main focus of the company is their **Simsar** application that has **100+ customers**. Main focus of the application is managing companies in all aspects. Product stock management, product pricing management, cashbox, product category system, profit tracking, product selling statistics, current administration, accounting, personnel management, **can be integrated with Trendyol, Hepsiburada and many other e-commerce platforms** plus many other things all in one software.
I worked as a **front-end software developer** for 5 years. Frontend of the Simsar is made with WPF. I made a **mobile supported web interface for the Simsar backend** and then primarily focused on developing a custom content management system **(CMS)** tailored to client needs. I also provided support about proper Simsar application usage for our customers.

Projects

Simsar Reimagined

2019 - 2024

`React` `NodeJS` `TypeScript` `Tanstack Query` `Tanstack Start` `ShadcnUI` `OpenAPI v3` `.NET 9`

Objective: Rewriting the legacy Simsar project using modern software tools and libraries to achieve cross-platform compatibility, with the web as the primary platform.
Overview:
- Addressed core design flaws from the original Simsar system while retaining its key principles.
- Collaborated with the original Simsar designers and maintainers for insights and best practices.
- Focused on implementing a modern, scalable, and efficient frontend architecture.

My Contributions:
- Designed and developed the entire frontend for the application, ensuring a responsive and user-friendly experience.
- Built a frontend server to support Server-Side Rendering (SSR).
- Implemented an authentication proxy from my SSR server to main .NET server. Stored and managed the session data by using SQLite.
- Leveraged OpenAPI for automated TypeScript code generation, enabling dynamic updates to the frontend whenever server endpoints changed.
- Optimized data fetching and caching to minimize unnecessary server requests and enhance performance.

Simsar Web Panel

2019 - 2024

`Vue` `Typescript`

Objective: Created a responsive web panel for Simsar to provide cross-platform accessibility beyond Windows.
Overview:
- Addressed the limitations of the original WPF-based Simsar application by creating a web-based solution for basic user needs.
- Designed and developed the web panel from the ground up, including custom UI components and Figma designs.

My Contributions:
- Designed and implemented the entire web panel, ensuring a responsive and user-centric interface.
- Created custom UI components to meet specific project requirements.
- Built Figma designs from scratch to guide development and ensure a consistent user experience.
- Extended the functionality of the existing API where possible to support essential user features.

Projects

Simsar CMS System
2019 - 2024

`Vue` `Typescript`

Objective: Developed a CMS system to render web pages for client businesses using data from Simsar, enabling seamless website management and customization.

Overview:
- Designed and implemented responsive, user-friendly interfaces to provide an optimal user experience across platforms.
- Integrated front-end solutions with back-end services for smooth data rendering and functionality.
- Developed a website design editor to allow customers to customize their company websites effectively.

My Contributions:
- Designed and implemented the entire web panel, ensuring a responsive and user-centric interface.
- Created custom Vue UI components to support dynamic and responsive design requirements.
- Designed all Figma mockups and prototypes to align with user needs and project goals.

Personal Projects

Downite

`React` `Go` `SQLite` `Typescript` `Tanstack Query` `ShadcnUI` `OpenAPI v3` `Tanstack Router`

This project is a self-hostable torrent and HTTP download client designed to run on the same server. It provides a robust solution for managing and downloading torrents and files, all from a unified interface. Also working on running the server as desktop application.
https://github.com/ft-aslan/downite

Lango

`Svelte` `Electron` `Typescript` `NodeJS`

A language translation tool for all desktop platforms. Also has english dictionary and english slang dictionary. You can save the translation to your word book if you want. Also screenshot translation with a AI model is planned.
https://github.com/ft-aslan/lango

Education

2015 - 2019

Bachelor's Degree, Computer Education and Instructional Technologies

Sakarya University   Sakarya, Türkiye

Graduated with a comprehensive understanding of both computer science and educational technology. Gained strong foundational knowledge in programming, software development, and instructional design. Developed skills in various programming languages.