

ALPEREN SAMURLU



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Software Engineer

Senior **Software Engineering student** with a strong focus on **Backend Development** within the **.NET ecosystem**. I design and develop secure, scalable, and high-performance applications using **ASP.NET Core** and **Web API**.

Currently, I contribute to an enterprise-scale invoicing system for **Yıldız Holding** at **ID3**. Previously, during my 6-month tenure at **Volosoft (ABP.io)**, I gained practical expertise in **Clean Code**, **Domain-Driven Design (DDD)**, and scalable architecture principles. I have hands-on experience architecting full-stack referral systems, dynamic slug infrastructures, and AI-driven security modules.

I approach software development with the strategic mindset I've refined through years of playing **chess**. I aim to contribute to **mission-critical systems** while continuously delivering scalable and maintainable backend solutions.

PROFESSIONAL EXPERIENCE

ID3 | *Backend Developer Intern* | (December 2025 – Present)

- Contributing to an enterprise-scale project developed for **Yıldız Holding**.
- Developing and maintaining the **invoicing (billing) system** used by Yıldız Holding.

Volosoft | *Backend Developer* | (August 2025 – December 2025)

- Designed and developed a full-stack **Referral System** (from database schema to frontend), enabling user reference tracking and growth mechanics.
- Engineered an **AI-powered Spammer Detection System**, integrating both backend logic and admin panel interfaces to enhance platform security.
- Implemented a dynamic **Slug infrastructure** to manage module URLs efficiently, improving SEO and routing flexibility.
- Contributed to the **Open Source CMS-kit module**, adding new features and optimizing existing functionalities within the ABP.io ecosystem.

Volosoft | *Backend Developer Intern* | (June 2025 – August 2025)

- Developed a custom **Telemetry Reporting Page** in the admin panel to analyze and visualize ABP Studio usage data.
- Integrated the "**Past Raffles**" page into the web interface, enhancing user engagement features.
- Audited and tested **ABP.io documentation**, reporting inconsistencies to improve the developer experience.

TECHNICAL SKILLS

- Programming Languages: C, C#, Java, Python , JavaScript , TypeScript
- Web Technologies: .NET, HTML, CSS, Angular
- Databases: SQLServer, MySQL, PostgreSQL
- Mobile Development: Flutter
- DevOps: Docker

PROJECTS

[AIFR - AI-Powered Recipe Recommendation Platform](#)

AIFR is an AI-driven recipe discovery platform built on the **ABP.io** infrastructure using **.NET** and **Angular** technologies. By processing the **Recipe1M+ dataset**, the system offers a vast and high-quality pool of recipes. At the core of the recommendation engine lies **vector analysis** based on user interactions. When a user likes a recipe, the system retrieves its **vector embedding** and performs a mathematical **similarity search** across the database. Through this vector matching, the system dynamically lists the alternatives most aligned with the user's taste preferences.

[Community To-Do Site](#)

Community To-Do is a modern to-do list site that combines individual and community-based task management. Users can track their personal tasks while also collaborating with communities to share tasks on joint projects. This project offers a secure and scalable experience with a robust backend infrastructure.

[Student Life Analysis Project](#)

A data science project that analyzes students' academic performance, socio-economic status, and lifestyles. It identifies key factors affecting student success, such as family income, region of residence, and relationship status, using Python and data analysis libraries. This study provides detailed insights into the relationship between education and social life

EDUCATION : Konya Technical University | Software Engineering (4th Year) | GPA: 3.13

LANGUAGES : Turkish (Native) | English (B2)

CERTIFICATIONS: Google Developer Groups DevFest 2022