

Batu Şentürk

Junior Software Developer 📍 İzmir, Turkey | ✉️ senturk.batu20@gmail.com | 🔗 GitHub: senturkbatu

Professional Summary

Motivated and solution-oriented Junior Software Developer specializing in C#, PHP, and modern web technologies. Experienced in developing end-to-end applications, including data tracking systems, SaaS inventory management, AI integrations, and e-commerce platforms. Passionate about building practical automation tools and continuous learning across backend and frontend ecosystems.

Experience

Ahlatıcı Crypto Trading Platform – Software Development Intern (20-Day Internship)

Technical Skills


- **Programming Languages:** C#, PHP, JavaScript, TypeScript, Python
 - **Web Technologies:** ASP.NET Core, React, Vite, Tailwind CSS, HTML5, CSS3
 - **Databases & Cloud Services:** Supabase (PostgreSQL), MSSQL, SQLite
 - **Tools & DevOps:** Git/GitHub, Netlify, Vercel
-

Projects

1. Envanter Pro – Clinic Inventory Management System (SaaS)

A web-based multi-tenant (SaaS) inventory management system designed for private medical clinics to track medicine and medical supply stocks in real-time.

- **Technical Details:** Developed using **React**, **Vite**, and **Tailwind CSS** for a responsive, modern UI. Backend services and data handling were managed via **Supabase**.
- **Security & Multi-tenancy:** Implemented database-level **Row Level Security (RLS)** architecture to guarantee that each clinic securely accesses only its own dataset.
- **Features:** Built real-time stock increment/decrement functionality, visual alerts for critical low stock levels, and a comprehensive transaction history logging system.

- **Deployment:** Successfully deployed on **Netlify** with a fully automated CI/CD pipeline integrated with GitHub.
-  **Live Demo:** envanter-pro.com

2. AI-Powered Recipe & Smart Bar Assistant

An interactive web application where users can input available ingredients to chat with an AI assistant that dynamically generates personalized cocktail and drink recipes.

- **Technical Details:** Architected the backend and API integrations using **PHP**, with **Supabase** handling data storage and user authentication.
- **AI Integration:** Implemented LLM (Large Language Model) APIs coupled with custom prompt engineering to deliver real-time, logical, and dynamic recipes based on user inputs.
- **Gamification & Leaderboard:** Designed and implemented a real-time leaderboard system that tracks the number of recipes generated per user, fostering community engagement and competition.


3. Server Monitoring System

A comprehensive web application built with **C#** to track, log, and report the live status (Uptime/Downtime) of specified servers.

- **Technical Details:** Developed a custom pinging algorithm that sends structured requests to servers to evaluate "Up/Down" states.
- **Logging Framework:** Created a detailed logging structure capturing state changes and error codes for retrospective analysis.
- **Key Takeaway:** Gained deep experience in network protocols, asynchronous programming, and efficient data logging.

4. E-Commerce Platform (Romanville)

A modern e-commerce web application featuring dynamic product listing and management, backed by Supabase.

- **Technical Details:** Deployed via Netlify and version-controlled through GitHub.
- **Features:** Implemented responsive UI design, dynamic product CRUD operations, and Supabase DB integration.
-  **Web:** www.romainvilleee.com

5. C# Desktop & Console Applications

- Developed various **C#**-based desktop automation tools, including student tracking and data entry/management systems.
- Heavily applied Object-Oriented Programming (OOP) principles to ensure clean, maintainable, and scalable code structures.

Education

- **Izmir University of Economics** – Associate Degree in Computer Programming (2nd Year Student)
-

References

- **Emre Yılmaz** – Ahlatçı Crypto Trading Platform, Chief Information Security Officer (CISO) ✉ emre.yilmaz@ahlkripto.com