Yiğit Leblebicier

Backend Developer

Email: ygtleblebicier@outlook.com

GitHub: github.com/odigij

Website: odigij.com

Location: Afyonkarahisar, Turkey

SUMMARY

Back-end developer with a strong focus on low-level systems, protocol design, and custom server architecture. Experienced in building applications using C++, JavaScript, TypeScript, Python. Capable of writing clean code and diving into core networking and system-level programming.

TECHNICAL SKILLS

Languages: C++, C, C#, Python, JavaScript, TypeScript

Web: HTTP 1.1, TLS/SSL, Custom Routing, Static Content Serving

Tools: epoll, OpenSSL, Neovim, Git, Linux (Arch), LazyVim

Other: Systems Programming, Socket Programming, Concurrency, Memory Management, TCP/IP

PROJECTS

SEWS – Simple Epoll Web Server

Custom web server written in C++17 using epoll and OpenSSL 3.4.1. Supports HTTP/1.1 parsing, TLS, persistent connections (keep-alive), custom routing, and static file serving. Features dynamic HTML rendering with Inja templating, Nlohmann JSON, and fmt.

Iyaş API

RESTful API built for "Esnaf Cebinde", a local market mobile application. Developed using Python 3.10 and FastAPI 0.79, integrated with Firebase. Implements dynamic product listings, category generation, database synchronization, and full CRUD operations.

ShaChi – 2D Game Engine Prototype

Experimental 2D game engine built in C++ using SDL2 and Box2D. Includes ECS architecture, real-time game loop, physics, and rendering systems. Focuses on data-driven design and component-based architecture.

PeerConn – P2P Chat and File Sharing App

Desktop peer-to-peer communication and file transfer tool. Implements TCP socket communication with end-to-end encryption and minimal external dependencies.

Scrummy – Scrum Poker API

Internal project for Kafkal Yazılım. Redis-backed Scrum Poker Manager API built with NestJS ^10.0.0 and ioredis ^2.0.2. Provides team story-point estimation endpoints with session and vote handling logic.

ITestimonial – WordPress Plugin

Basic testimonial plugin for WordPress. Built with PHP and WordPress Hooks, uses Slick 1.8.1 for carousel display. Allows storing and displaying user testimonials.

EXPERIENCE

KMA Savunma ve Yazılım – Intern (3 months)

Worked on the "Esnaf Cebinde" project's API layer, known as Iyaş API. Developed and maintained backend logic using Python and FastAPI. Assisted with database modeling, authentication endpoints, and deployment to Firebase. Took full ownership of the API implementation as the sole backend developer during the internship.

İsmail Alperen Özlü Kafkal Yazılım – Part-Time Backend Developer (14 months)

Maintained and extended back-end components for multiple web-based applications. Worked extensively with TypeScript, Express, NestJS, Redis, and Next.js. Designed scalable API endpoints, managed session storage in Redis, and contributed to business logic for admin and user panels.

EDUCATION

Bachelor's in Computer Engineering

Isparta University of Applied Sciences, 2021–Present

Expected Graduation: 2025

Kırşehir Ahi Evran University, 2020–2021 (Transferred)