



Software Developer
Yasir Uslu

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SKILLS

Back end

C# · .NET 8 / ASP.NET Core · .NET Framework · Node.js / Express · SignalR / WebSocket · YARP

Front end

TypeScript · React 19 · Next.js 16 · Angular · RxJS · Zustand · Electron

Data & messaging

PostgreSQL · MSSQL · Supabase · RabbitMQ

Architecture

Microservices · Event-driven architecture · CQRS / MediatR · Outbox · Clean Architecture · DDD · Offline-first

Delivery & testing

Docker / Compose · Kubernetes · GitHub Actions · xUnit · Vitest · Playwright

Other

Python · Git · Agile / Scrum

LANGUAGES

Turkish · native
English · C1 listening & reading, B2 speaking & writing

REFERENCE

Ece Dülger · Application Architect · Arkas

EXPERIENCE

Software Developer

10.2026 – present

AVL Research and Engineering · Istanbul (hybrid)

Software Developer (part-time)

10.2024 – 06.2025

Bimar Bilgi İşlem Hizmetleri AŞ · İzmir

Contributed to front-end and back-end web development: .NET Framework on the back end, TypeScript and React on the front end.

Software Developer Intern

07.2024 – 08.2024

Bimar Bilgi İşlem Hizmetleri AŞ · İzmir

- Introduction to professional software development
- Supported ongoing web development tasks
- Worked as a junior team member during the final three weeks

Hardware Intern, Digital Twin Project

01.2024 – 02.2024

Dokuz Eylül University · İzmir

Designed a circuit with sensors and an embedded system to detect abnormal vibration. The project was completed successfully.

PROJECTS

Okey 101 – Online Table

2026

Full-rules, 2–4 player Okey 101 in the browser with real-time multiplayer and bots. Host-authoritative game state over Supabase Realtime, end-to-end encrypted hands (Web Crypto) and reconnect without losing moves; tested with Playwright in CI.

Retail Poster Studio

2026

Print-ready campaign posters for Siemens, Philips and LG products from a product code: product data, price and imagery fill in automatically. Excel price lists, PNG/JPG/PDF export and offline support.

CorePulse · EdgePulse

2026

Distributed hardware telemetry and alerting: collector agent → YARP gateway → ASP.NET Core 8 API → RabbitMQ → alert worker → SignalR → Angular 17, with PostgreSQL and Docker Compose. The portfolio page is a live web demo.

Okey 101 Scoreboard

2026

An installable, offline-first scorecard for the real table: round wizard, configurable penalties, game history and statistics, PDF export and live viewing via QR (Service Worker, Upstash Redis).

Mail – @usluso.com

2026

Gmail-like mail on my own domain for invited users: Cloudflare Email Worker → Supabase, per-mailbox Postgres RLS, Resend sending and Web Push.

Tavla (Backgammon)

2026

Coffeehouse-rules backgammon vs a heuristic bot, on one device or online: pure rules engine, Web Crypto dice, Supabase Realtime rooms.

AI-Supported Predictive Maintenance for Drill Heads

10.2024 – 06.2025

Graduation project: early detection of machine faults from 3D vibration data with AI algorithms, aimed at preventive maintenance, safety and efficiency.

Getir & Götür

2023

An object-oriented Java delivery app organized by product categories.

Who Wants To Be a Millionaire

2022

A Java game based on the television quiz show.

EDUCATION

MSc, Computer Engineering

02.2026 – present

Bandırma Onyedi Eylül University · Bandırma
EQF Level 7

BSc, Computer Engineering

10.2021 – 07.2025

Dokuz Eylül University · İzmir
GPA 3.04 / 4.00 · EQF Level 6