

Utku Çelebi

Senior Full-Stack Software Engineer

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PROFILES

◆ **linkedin**

[linkedin.com/in/utkucelebi](https://www.linkedin.com/in/utkucelebi)

◆ **github**

github.com/utkuceleby

SUMMARY

Senior full-stack software engineer building scalable web and desktop applications across a C#/.NET backend and Flutter/React frontend. Leading the frontend team at Su Bilgi Technologies — SCADA monitoring and control platforms for natural-gas infrastructure alongside enterprise systems — guiding technical direction and designing the shared infrastructure that powers both backend and frontend projects. Author of four open-source .NET and React libraries published on NuGet and npm. Open to remote and international opportunities; experienced working in English.

EXPERIENCE

Su Bilgi Teknolojileri

Senior Full-Stack Software Engineer

Ankara, Turkey

2022 - Present

- Engineered high-performance .NET backend services and REST APIs integrated with core ERP systems, cutting end-to-end processing time by 35%.
- Architected scalable CQRS, domain-driven and event-driven microservices with ASP.NET Core, modernizing legacy platforms and reducing release cycles from weeks to days.
- Optimized PostgreSQL (Dapper) and Redis caching behind React management interfaces and API gateways, sustaining 10K req/s and cutting query latency 40%.
- Delivered real-time monitoring and control dashboards in Flutter over a C# SignalR/WebSocket layer, streaming live data from 20,000+ concurrent field devices.
- Containerized services with Docker and Kubernetes, shipped through automated CI/CD pipelines.
- Led the frontend team and established observability (structured logging, metrics, tracing) and code reviews, raising release reliability across the team.

<https://www.subilgi.com.tr/>

YD Yazılım ve Teknoloji

Software Engineering Intern

Ankara, Turkey

2021

- Shipped features within active client projects under senior code review.

<https://ydyazilim.com>

ARMCO Elektrik Elektronik Mühendislik A.Ş.

Software Engineering Intern

Ankara, Turkey

2021

- Developed software modules under senior engineer guidance across the build–test–deploy cycle.

<https://www.armco.com.tr/>

OPEN-SOURCE PROJECTS

Zephora UI — accessible React component library; 82 components, one API for Web and React Native (TypeScript).

github.com/ZephoraUI/ZephoraUI

Charta — dependency-free PDF generation library for .NET; fluent layout API, NativeAOT-ready (C#). github.com/utkuceleby/Charta

Peyk — CQRS-native, source-generator based mediator for .NET; zero reflection (C#). github.com/utkuceleby/Peyk

Symbiont — hybrid .NET data access; Dapper reads + EF Core writes in one shared transaction (C#). github.com/utkuceleby/Symbiont

EDUCATION

Süleyman Demirel University

Computer Engineering

B.Sc.

Isparta, Turkey • 2015-2021

<https://muhendislik.sdu.edu.tr/bilmuh>

SKILLS

◆ Languages & Frameworks

C#, ASP.NET Core, JavaScript, TypeScript, Dart, Python, Node.js, SQL, HTML/CSS, SignalR, WebSocket, xUnit, Flutter, React, React Native

◆ Architecture & Design

Microservices, Domain-Driven Design, Event-Driven Design, Clean Architecture, Layered Architecture, CQRS, MediatR, FastEndpoints

◆ Data & Performance Management

PostgreSQL, MSSQL, MySQL, SQLite, Dapper, Entity Framework, Redis, Garnet, RabbitMQ, SQL Optimization

◆ Infrastructure & Environment

Docker, Kubernetes, Git, CI/CD, Unit & Integration Testing, Jira, Linux Process Management

LANGUAGES

Turkish (Native) · English (Professional Working Proficiency) · German (Beginner)