



BURAK KARAKAYA

Senior Software Engineer

I am an experienced and versatile professional with ~7 years of experience. I am collaborative, solution-oriented and open to learning. I want to use my creative thinking and communication skills to add value to your projects.

CORE COMPETENCIES

BACKEND & ARCHITECTURE

- .NET/Core, ASP.NET Core, Web API
- NodeJS, Go (Currently Learning)
- DDD, CQRS, Event Sourcing, Saga Pattern
- Modular Monolith & Microservices
- REST API Design, API Composition
- Onion Architecture, Clean Architecture

DEVOPS & CLOUD & CI/CD

- Azure (App Services, Blob, Queue, CI/CD)
- AWS (EC2, S3, IAM, Lambda)
- GitHub Actions, Azure DevOps
- IIS, Windows Server
- Git, Gitlab, Bitbucket, Docker, Kubernetes

INFRASTRUCTURE

- **Caching & Search:** Redis, Elasticsearch
- **Real-Time:** SignalR
- **Databases:** SQL Server, Oracle, PostgreSQL, EF Core, Dapper
- **Messaging & Queuing:** RabbitMQ, Azure Queue Storage, Azure Service Bus
- **Background Jobs:** Hangfire, Azure Functions, Worker Services
- **Email Delivery:** SendGrid, Mailtrap
- **Cloud Storage:** Azure Blob Storage, Amazon S3

FRONTEND

- ReactJS, Next.js
- HTML, CSS, Tailwind CSS, SCSS, JavaScript
- SSR & API integration

WORK EXPERIENCE

Teknik Medya Mühendislik ve Danışmanlık Ltd. Şti.

Senior Software Developer - Currently Working

- *Leading the development of a multitenant SaaS platform used by multiple customers, with dynamic access control and multilingual support.*
- *Built an internal PMS system to manage quotations, projects, and invoicing. Responsible for the platform's full-stack architecture and infrastructure operations.*

Teknik Medya Mühendislik ve Danışmanlık Ltd. Şti.

Software Developer - 2018 - 2021

Developed a full-stack after-sales service platform for Karsan and managed its deployment on IIS and Windows Server.

PROJECT EXPERIENCE

KLASID - Multitenant After-Sales Services SaaS

Role: Lead Software Engineer

Tech Stack: .NET 8, PostgreSQL, Azure App Service, Redis, React, EF Core, Wildcard SSL support

Overview: Designed a scalable multitenant SaaS platform supporting multiple manufacturers, featuring dynamic access control, modular feature allocation, and multi-language (i18n) support tailored to each tenant's configuration.

Modules: Online Parts Catalog, Online Documentation, Warranty, CRM, Online Training

Customers: Link Yapı, AKIA, Musoshi, **Multiple SME Machinery Manufacturers**

TeaMedya - Internal Project Management System(PMS)

Role: Lead Software Engineer

Tech Stack: NextJS, ReactJS, .NET 8, MsSQL, Azure App Service, Redis, EF Core, Azure Functions, SignalR

Overview: Designed and built an internal company-wide PMS to streamline project lifecycles from quotation to invoicing. Integrated project tracking, role-based access control, and real-time updates for internal departments.

LANGUAGES

- Turkish - Native
- English - Professional Proficiency

EDUCATION



İstanbul Bilgi University



Management Information Systems



2016-2021

CONTACT



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github.com/bkarakaya01

HOBBIES



Coding, Vibe coding, new technologies



Instruments, sound engineering



Reading sociology & work sociology



Reading history, mythology & religions



Multiplayer games, team games, chess

PROJECT EXPERIENCE

Pada5 – After-Sales Services Platform for Karsan

Role: Lead Software Engineer

Tech Stack: .NET Core, EF Core, Redis, Azure Blob, SQL Server, MVC, Windows Server, IIS

Overview: Designed and led the end-to-end development of an enterprise-grade after-sales platform with full-stack architecture.

Customers: Karsan Otomotiv Sanayii ve Tic. A.Ş.

SonAR – AR Visualization System

Role: Lead Backend & Unity GameEngine Engineer & 3D API Integrator

Tech Stack: Unity GameEngine, .NET, C#, WebSockets

Overview: Implemented the backend services of an Augmented Reality system where complex machinery models were visualized interactively. Enabled seamless data flow between the backend and Unity-powered AR app for component-level disassembly and inspection.

Customers: Alapala Makina Gıda San. ve Tic. A.Ş.

ABOUT ME

Software Engineer with 7+ years of experience in designing and delivering scalable backend solutions, currently working at Teknik Medya Mühendislik & Danışmanlık Hiz. Tic. Ltd. Şti. Specialized in developing after-sales service platforms for the automotive and machinery industries. Adept at leveraging .NET technologies along with advanced architectural patterns including Domain-Driven Design (DDD), Modular Monolith, ~Microservices, CQRS. Strong advocate of Agile methodologies and continuous improvement. Proven ability to design high-performance APIs, implement real-time communication with SignalR, and manage distributed infrastructure using Redis, Elasticsearch, and Azure/AWS services. Known for being a solution-oriented team player with a strong customer focus and a passion for building maintainable, future-proof systems.