

Emre Koroglu

Computer Engineer & Senior Software Developer

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I turn business needs into maintainable, high-performing and scalable .NET systems - backend services, B2B/B2C platforms, integrations and automation for companies in Türkiye, the UK and Germany.

ABOUT ME

I am a software developer with a Master's-level academic background in Computer Engineering and over **12 years of experience in the .NET ecosystem**. I have worked on backend development, layered architecture, B2B/B2C platforms, integration services and process automation projects for companies in **Türkiye, the United Kingdom and Germany**.

My approach goes beyond simply building working applications: I focus on solutions that are easy to maintain, high-performing, modular and scalable. I have owned admin panels, background services, data processing workflows, virtual POS integrations, reconciliation modules, search infrastructure, code optimization and team coordination.

Location Istanbul, Türkiye
Email emkoroglu@gmail.com
Languages Turkish (native), English (B2)
Abroad 6 years in the UK

Analytical thinking

Ownership

Quality-focused

Technical leadership

SKILLS & COMPETENCIES

Backend & System Design

Layered architecture, REST APIs, B2B/B2C platforms and admin panels built to last.

Integrations

Virtual POS, TecDoc & BMW OE catalogs, ERP bridges and plugin-based data flows.

Process Automation

Multi-threaded services, schedulers and scripts that replace manual work.

Performance

Code & database optimization, caching and high-volume Excel/CSV processing.

BACKEND & FRAMEWORKS

.NET Core

.NET Framework

ASP.NET MVC

ASP.NET Web API

Entity Framework

WCF

LANGUAGES

C#

JavaScript

TypeScript

SQL

PHP

Node.js

DATABASES

SQL Server

PostgreSQL

MySQL

MongoDB

InformixDB

MESSAGING, CACHING & SEARCH

RabbitMQ

Redis

MemCache

Elasticsearch

Multi-thread

Schedulers

API & INTEGRATIONS

REST API

JWT Auth

XML Parser

Excel Parser

Virtual POS

FRONTEND

React

AngularJS

HTML / CSS

Bootstrap

jQuery

Telerik / Kendo UI

MOBILE & REAL-TIME

Flutter

Dart

PWA

SignalR

Firebase FCM

TOOLS & PLATFORMS

Git

TFS

Windows Server

IIS

WORK EXPERIENCE

Senior Software Development Specialist

02.2019 - 12.2025

Emr Software Solutions Ltd | London, UK

- ▶ Custom software development and technical consulting for companies across Türkiye, the UK and Germany - B2B projects, layered architecture, admin panels, integrations, background services and automation.
- ▶ Solutions for automotive and e-commerce companies: ERP, B2B/B2C platforms, stock and system management.
- ▶ Multi-threaded services, scheduler workflows and scripts that turned manual processes into automated ones.
- ▶ High-volume Excel/CSV processing for quotations, transfers and exports - fast and accurate.
- ▶ Plugin-based integrations and data bridges between heterogeneous systems, including a Mailchimp and Jira CRM reporting integration.
- ▶ Built B2B platforms for automotive spare parts companies such as Votek Otomotiv and Leyo Otomotiv.

.NET Core **C#** **SQL Server** **RabbitMQ** **Redis** **WooCommerce**

Software Development Specialist

10.2016 - 05.2018

Simkan Teknoloji | Istanbul, TR

- ▶ Modernized the existing B2B platform and helped build a new B2C e-commerce platform from the ground up for a leading automotive spare parts distributor.
- ▶ Virtual POS integrations, reconciliation letter and account reconciliation modules.
- ▶ Elasticsearch-based product & catalog search; TecDoc and BMW OE catalog integrations.
- ▶ Returns & warranty modules, B2B intranet portal, scheduler-based data automation on Windows Server.

ASP.NET MVC **Elasticsearch** **Virtual POS** **TecDoc** **SQL Server**

Software Developer / Project Lead

08.2013 - 08.2016

Yceo Information Technologies | Istanbul, TR

- ▶ Joined as a developer on B2B/B2C infrastructure for leading Turkish e-commerce projects; later took on project management, team coordination and leadership.
- ▶ Designed layered system architectures and database schemas; built reusable internal libraries.
- ▶ Delivered 30+ modules incl. campaign management, gift vouchers and cart-based product recommendations.
- ▶ Code reviews, requirement analysis and task distribution across the team.

ASP.NET **C#** **SQL Server** **jQuery** **Kendo UI**

Software Development Intern

06.2012 - 08.2012

Marka ve Ötesi Advertising & Consulting | Istanbul

Information Technology Intern

06.2010 - 08.2010

Siemens Industry and Trade Inc. | Kocaeli

KEY PROJECTS

UK

Quick Commerce Platform | 2026

Bring2 Platform: Grocery Delivery, Store Operations & Courier App

A custom .NET platform replacing Bring2's WooCommerce setup. The whole flow runs on one system: the customer orders, the store picks the items, the receipt prints automatically, a courier is assigned and the order is delivered and reconciled.

COURIER APP (FLUTTER)

- ▶ Android / iOS app in Material 3: login, online/offline shift, tasks and earnings
- ▶ Multi-order pickup, route planning with Google Distance Matrix, delivery code and age check
- ▶ Cash / card / mixed payment collection, tips and failed-delivery flow
- ▶ Live GPS tracking, SignalR updates and Firebase push notifications

STORE PWA (REACT)

- ▶ Tablet-friendly order picking with missing / substitute item handling
- ▶ Courier list, live map and "store call" alerts to online couriers
- ▶ Automatic thermal receipts through a .NET Print Agent Windows service
- ▶ Courier earnings, payouts and cash reconciliation screens

ADMIN PANEL & WEB

- ▶ ASP.NET Core MVC admin: orders, products, stores, couriers, tariffs and reports
- ▶ Dispatcher / live operations view with courier locations
- ▶ Mobile-first customer storefront with online payment (Worldpay, 3DS)
- ▶ ERP stock / price integration, campaigns and coupons

.NET 10 ASP.NET Core Web API Clean Architecture PostgreSQL EF Core Redis SignalR Hangfire React PWA Flutter Firebase FCM Google Maps

DE

B2B Platform

Rotvogel Autoteile

Led a 4-person team building a B2B platform where customers upload Excel inquiry lists, receive quotations and download price lists - plus the supporting admin panel.

TR

CRM Integration

Votek Otomotiv: Mailchimp & Jira CRM Reporting

Integration service that pulls all Mailchimp campaign reporting and updates the matching CRM cards in Jira automatically, so the sales team sees each customer's email engagement right on the lead card.

- ▶ Per-customer open / click activity written to Jira custom fields: campaign history table, 6-month summary, last status and date
- ▶ Email to lead matching via JQL, including cards with multiple contact emails
- ▶ Auto-generated Excel report on OneDrive: one row per customer, open / click / date columns for every campaign

C# / .NET Mailchimp API Jira REST API OpenXML OneDrive

TR

B2B Platform

Votek Otomotiv B2B

Developed the company's B2B platform and provided long-term remote support, custom scripts and process improvements for daily operations.

TR

B2B Platform

Leyo Otomotiv B2B

Developed a B2B platform for an automotive spare parts company, covering dealer ordering and product/catalog management.

DE

Automation

Stern Autoteile

Commercial system automating most of the workflow from order processing to shipment and invoicing.

UK

E-commerce

Bring2

Development and technical support for a WooCommerce-based e-commerce platform, improving stability and daily operations.

UK

Custom Software

Vendohm

Tailored scripts and software solutions that reduced repetitive internal workload.

TR

B2B / B2C

Simkan B2B & B2C

Automotive spare parts platforms with Elasticsearch search, virtual POS payments and TecDoc / BMW OE catalogs.

EDUCATION

2015 - Thesis stage

M.Sc. in Computer Engineering

Okan University | Thesis program

2011 - 2013

B.Sc. in Computer Engineering

Okan University

2009 - 2011

Associate Degree, Computer Programming

Okan University

LET'S BUILD SOMETHING TOGETHER

Looking for a senior .NET developer for backend, integrations or automation? I'd be happy to talk.

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References available on request.