## Gülsüm Erbay

Software Developer

I am a software developer for 5+ years. I have both frontend and backend experience. I'm doing my best to get results in my projects on time. I always pay attention to SOLID principles and make sure my code understandable, readable and clean. I like reading and researching and I learn tasks quickly. I am a person who enjoys develop algorithms and software.



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gulsumerbay.com

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github.com/gulsumerbay....

### **EDUCATION**

Master's Degree in Computer Engineering Kocaeli University

09/2014 - 12/2018

**Bachelor's Degree in Computer Engineering** Kocaeli University

09/2019 - 06/2013

### **WORK EXPERIENCE**

Çolakoğlu Metalurji Software Engineer

02/2021 - Present KOCAELI

## RMira Teknoloji A.Ş. Software Developer

03/2020 – 02/2021 KOCAELÍ

R-MIRA has CRM software for car rental companies, and provides real time car tracking services, and manufacture embedded car tracking hardwares. I take part in the modules of the vehicle tracking software called Rentacarss used by car rental companies. I am working Full Stack with VueJS and .Net Core. I convert modules written in .Net to .Net Core with Clean Architecture architecture. In addition, I use Redis, SignalR, Mediatr Pattern technologies in the projects and make tests with XUnit. I also performed vehicle tracking animation on GoogleAPI using Vue.js and Leaflet on the frontend side.

# PremierTurk Information Technologies Software Developer

09/2019 - 03/2020 KOCAELİ

I took part in web applications used in municipalities. Database I wrote revisions, frontend with AngularJS, backend in .Net Web API project. In addition, I improved myself by creating reports with Telerik Report Designer and making revisions in the admin panel.

## **Proser Information Technologies**Software Developer

07/2019 - 09/2019 KOCAELİ

I have worked on website and e-commerce applications for various clients. I gained experience with web interfaces using MVC .Net, HTML, Javascript.

# MapSOFT Software Informatics LLC Intern/Junior Software Developer

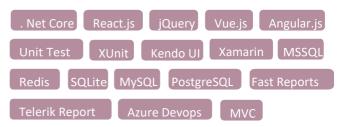
12/2015 - 01/2019 KOCAELİ

With C # Winforms and Xamarin Android, Location Based Information Systems software (CAD, GIS, KBS, Municipal Automation), Digital Cadastre Program revisions were made. Applications were improved with Devexpress integration. FireBird, SQLite, Access, PostgreSQL database management and data transfer panels between them. Opening GIS file types such as KML / KMZ, GeoJSON on Google Maps Api and preparing interfaces. Rewriting CAD applications written for desktop with Xamarin Android on mobile. Extracting datas with FastReport.

### **Summer Internships**

Çelik Halat ve Tel Sanayi A.Ş. 08/2012 - 09/2012, KOCAELI Izmit Municipality 07/2012 - 08/2012, KOCAELI

### **SKILLS**



### PERSONAL PROJECTS

Better learning Mediatr pattern, XUnit, design patterns Basic application coding and Clean Architecture implementation.

Vue.js, .Net Core

E-Commerce application and product management using Trendyol and Hepsiburada integrations.

Vue.is, .Net Core

Coding of TODO list application using Vue.js for frontend, .NET Core for backend and MSSQL for database

Vue.js, .Net Core, MSSQL

Master's thesis project: Precise Agricultural Productivity calculation with GIS and GPS. Product data crud operations on Android device.

Xamarin Android, SQLite

Experimental application by creating location finding algorithms and solutions with RFID in master's degree.

Winforms C#

Virtual Classroom Application. Creating course selections and exam schedules with the relational database.

ASP .Net, SQL Server

Coding of TODO list application using Angular.js for frontend, .NET Core for backend and MSSQL for database.

Angular.js, .NET Core, MSSQL

Creating 2011 Eurovision song contest sessions with Welch- Powel Coloring Algorithm.

Dev C++

Word hunt puzzle solving application.

Dev C++

Simulation application creating new circuits using basic logic gates or new circuits.

Winforms C#.

#### REFERENCES

Emin Berberoğlu

MapSoft Software Informatics LLC - General manager.

Bahadır Denizli

PremierTurk Information Technologies - Senior Software Developer

### **LANGUAGES**

English - Upper Intermediate Professional Working Proficiency