

# Alp Çoker

M.SC. COMPUTER ENGINEER · T-SHAPED SOFTWARE ENGINEER SPECIALIZED IN .NET WITH SOME REACT, ANGULAR, TYPESCRIPT EXPERIENCE WITH A DEVOPS MINDSET

✉ request with a message | ✉ hi@alpcoker.com | 🏠 alpcoker.com | 📞 alpcoker | 🌐 alpcoker

## Career Objectives

To work with best of my skills for getting our(my) project to reach their goals. I am passionate about creating software and probably won't stop developing. I love to see my output is using by other people and it is completing our goals one by one. I always try to put my best effort to reach desired quality for any kind of work in our remaining time. For any kind of written material (code, document, communication), I always try to leave a good, understandable output for anyone that will access my output later. I believe that if each team of employees achieves the same quality and improves each other, the addition or removal of employees will not affect the health of the project. I believe that success is in teamwork and not giving up desired quality.

I always try/want to be (stay as) an innovative and target-driven engineer. I seek for better solutions, best practices not just in my career, also apply it to my life. I look for new challenges, goals, responsibilities that can keep me active and fresh in my life. While I am working with my colleagues, I always try to move/develop/focus together. Because there can't be only a single human behind any big successes.

## Experience

### **BtcTurk** - Cryptocurrency Exchange & Platform - Highest Cryptocurrency Volume in Turkey

Remote, Turkey

SOFTWARE ENGINEER

Feb. 2022 - Jun. 2022

- I am working on cash flow team and managing fiat deposits and withdrawals on a Cryptocurrency Exchange which has a very high market value. I am managing money transfer integration with seven banks.
- Used technologies: .NET 6, RabbitMQ, Microsoft SQL Server, Azure, Elastic Stack, Redis, Atlassian Products

### **Otelz** - Online Travel Agency - Most Popular in Turkey

Remote, Turkey

SOFTWARE ENGINEER

Mar. 2021 - Feb. 2022

- I developed a channel manager (a system for hotels to manage their availability in real-time) integration that is widely used by big resorts. I also develop a system to integrate third party hotel inventory to our system. I maintained and monitored all existing (count:25) channel managers.
- Used technologies: .NET 5, React, Microsoft SQL Server, Azure DevOps, Elastic Stack, AWS, Redis, Atlassian Products

### **T2** - Defence Industry

Ankara, Turkey

SOFTWARE ENGINEER

Aug. 2020 - Mar. 2021

- I redesigned the architecture of their mission critical desktop systems to their intranet web environment.
- Used technologies: React, Java 11, Spring, Kotlin, TimescaleDB with PostgreSQL, Elastic Stack, GitLab Enterprise

### **Havelsan** - Defence Industry - Reference: Hülya Vural - Software Engineering Manager

Ankara, Turkey

SOFTWARE ENGINEER & ARCHITECT

May 2017 - Aug. 2020

- I was designing architecture, defining development standards, fixing performance issues, new system integration, technology stack changes, deployment problems, security flaws, new framework features.
- Used technologies: ASP.NET Core 3.1, ASP.NET MVC, Angular, Oracle Database, Elastic Stack, Redis, Team Foundation Server

### **BilgeAdam** - Outsourcing for Government Offices - Reference: Seçkin Bedük - Software Development Director

Ankara, Turkey

SOFTWARE CONSULTANT

Aug. 2014 - May 2017

- I replaced a high traffic government public service with a new modern architecture to solve previous maintenance difficulties, lack of analyzing big data, lack of other system integration and slowness problems.
- Used technologies: Windows Presentation Foundation, ASP.NET Core, jQuery, SQL Server, SQL Server Integration Services, Team Foundation Server

### **Başarsoft** - Geographic Information System Company - Reference: Emrah Yılmaz - R&D Manager

Ankara, Turkey

R&D SOFTWARE ENGINEER

Feb. 2010 - Jan. 2014

- I developed Windows CE, Windows Mobile, tablet applications which are connected systems (client-server) and navigation systems customized by customer needs. The most notable project that I developed was a navigation system for blind people.
- Used technologies: .NET Compact Framework, ASP.NET Web Services, SQL Server, Oracle, TCP/IP, ASP.NET, Team Foundation Server.

## OSS - Open Source Projects

.NET **photo-cli**, Extract when and where (reverse geocoding) your photos are taken, copy into a new organized folder with various folder & file naming strategies, export into CSV files.

[photo-cli](#) 

.NET **PackBlock**, Helper libraries to rapidly develop [mini/micro]services. Applying best practices ASP.NET, OAuth, CQRS, DDD, EF, Generic Authz, Code Gen. via CLI. Private repo, need invitation

[PackBlock](#) 

## Skills ( w/ years of experience )

<b>Languages</b>	C# (12), JavaScript(7), Typescript(3), Python(2), Golang(1), Kotlin(1), Java(1), R(1)
<b>Technologies</b>	.NET(12), React(3), Angular(2), HTTP-REST API(8), OAuth-OIDC(2), WPF(4), Windows Forms(3), Spring Boot(1), Hadoop(1), Spark(1), HTML(8), CSS(5)
<b>Database</b>	MS-SQL Server(10), PostgreSQL(7), Elastic Search (6), Redis(6), Oracle(4), MongoDB(3), Prometheus(2), HBase(1)
<b>Integrations</b>	Kibana(6), RabbitMQ(2), Kafka(2), Grafana(2), Fluentd(1), Camunda Workflow(1), Jaeger(1)
<b>DevOps</b>	Azure DevOps-TFS(8), Docker(6), Linux(7), Git(5), GitHub(3), AWS(2), Azure(1), Heroku(1), GitLab(1), Atlassian(1), NGINX(2), NPM(1), Jenkins(1)
<b>Tools</b>	Rider(4), WebStorm(3), PyCharm(3), DataGrip(2), VS Code(3), Mint(10), Windows(19), macOS(1), Visual Studio(10), Postman(5)

## Achievements

2021	<b>Third place with our team</b> , Havelsan Hackathon 2020	Ankara, Turkey
2010	<b>Finalist with our team</b> , Microsoft Imagine Cup 2010	Istanbul, Turkey

### Competition Winner

Istanbul, Turkey

MICROSOFT & TURKCELL




May. 2009

- I have participated and won first place in a Mobile Application Development Competition which was hosted by Microsoft Turkey and Turkcell (the biggest mobile operator company in Turkey). My application is a social network for Windows Mobile users. With this application users create places and fill it's profile to be search by others. They can also share and tweet their locations within the application. This application very similar to Foursquare/Swarm but I have developed them they have published.









## Education

2010-2013	<b>Master of Science in Computer Engineering</b> , Çankaya University (GPA 3,6 over 4 )	Ankara, Turkey
2006-2010	<b>Bachelor of Engineering in Computer Engineering</b> , Çankaya University (GPA 3,2 over 4 )	Ankara, Turkey

## Certifications

2018	<b>M001: MongoDB Basics</b>  , <b>M101P: MongoDB for Developers</b>  , <b>M201: MongoDB Performance</b>  , MongoDB University	MongoDB University
2016	<b>The Data Scientist's Toolbox</b>  , <b>R Programming</b>  , <b>Getting and Cleaning Data</b>  , <b>Exploratory Data Analysis</b>  , <b>Reproducible Research</b>  , Johns Hopkins University	Coursera
2016	<b>Graph Analytics for Big Data</b>  , <b>Hadoop Platform and Application Framework</b>  , <b>Introduction to Big Data Analytics</b>  , <b>Introduction to Big Data</b>  , <b>Machine Learning With Big Data</b>  , University of California, San Diego	Coursera
2016	<b>Machine Learning: Regression</b>  , <b>Machine Learning: Classification</b>  , <b>Machine Learning Foundations: A Case Study Approach</b>  , University of Washington	Coursera
2016	<b>Advanced Techniques for Designing HTML5 Apps</b>  , <b>HTML5 Coding Essentials and Best Practices</b>  , World Wide Web Consortium (W3C)	edX
2015	<b>Data Structures and Algorithms</b>  , <b>Algorithmic Toolbox</b>  , University of California, San Diego	Coursera
2015	<b>Introduction to R</b>  , DataCamp	DataCamp
2015	<b>Computational Thinking and Data Science</b>  , <b>Computer Science and Programming Using Python</b>  , Massachusetts Institute of Technology	edX

## Courses

2021	<b>Introduction to AWS</b>  ,	A Cloud Guru
2020	<b>Understanding TypeScript</b>  , <b>Vue JS - The Complete Guide</b>  , <b>Getting Started With .NET Core Identity Server</b>  , <b>Building Real World Application With Blazor</b>  ,	Udemy
2019	<b>Microservices Software Architecture: Patterns and Techniques</b>  ,	Udemy
2018	<b>The Complete Developer's Guide - Golang</b>  ,	Udemy
2018	<b>Oracle Database 12c x: SQL and PL/SQL Fundamentals</b> , 	Oracle University