Alp **Çoker**

M.Sc. Computer Engineer · T-Shaped Software Engineer specialized in .NET with some React,Angular,TypeScript experience with a DevOps mindset

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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 - Current*

- I am working at cash flow team and managing fiat deposit 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)

Languages	C# (12), JavaScript(7), Typescript(3), Python(2), Golang(1), Kotlin(1), Java(1), R(1)
Technologies	.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)
Database	MS-SQL Server(10), PostgreSQL(7), Elastic Search (6), Redis(6), Oracle(4), MongoDB(3), Prometheus(2), HBase(1)
Integrations	Kibana(6), RabbitMQ(2), Kafka(2), Grafana(2), Fluentd(1), Camunda Workflow(1), Jaeger(1)
DevOps	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)
Tools	Rider(4), WebStorm(3), PyCharm(3), DataGrip(2), VS Code(3), Mint(10), Windows(19), macOS(1), Visual Studio(10), Postman(5)

Achivements

| 2021 | **Third place with our team,** Havelsan Hackathon 2020 | *Ankara, Turkey* |
| 2010 | **Finalist with our team,** 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 | **Master of Science in Computer Engineering**, Çankaya University (GPA 3,6 over 4) | *Ankara, Turkey* |
| 2006-2010 | **Bachelor of Engineering in Computer Engineering**, Çankaya University (GPA 3,2 over 4) | *Ankara, Turkey* |

Certifications

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

Courses

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