Alp **ÇOKER**

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

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Career Objectives

My goal and motivation are to work with the best of my skills for getting our(my) project to reach its goals. I am passionate about creating software and probably won't crafting things. I love to see my output being used by other people, and it is completing our goals one by one. I always try to put my best effort to reach the desired quality for any work in our remaining time. In any written material (code, document, communication), I always try to leave a good, understandable output for anyone that will access my output later. If each team of employees achieves the same quality and improves each other, the addition or removal of employees will not affect the project's health. I believe that success is in teamwork and not giving up desired qualities.

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

Experience

Otelz.com ↗
Software Engineer   *Ankara, Turkey*
Mar. 2021 - Feb. 2022

- Otelz is an international online travel agency which is mainly a marketplace for hotels in Turkey and it is a high traffic website. I developed a new channel manager (a system for hotels to manage their availability in real-time) integration that is widely used by big resorts. I am maintaining and monitoring all existing (count:25) channel managers.
- Used technologies: .NET 5, Microsoft SQL Server, Azure DevOps, Elastic Stack, AWS, Redis, Atlassian Products

T2 ↗
Software Engineer   *Ankara, Turkey*
Aug. 2020 - Mar. 2021

- T2 is a subcontractor for Aselsan which is one of the biggest companies working in the defence industry in Turkey. I was in a team that was architecting and developing some mission critical systems and components.
- Used technologies: React, Java 11, Spring, Kotlin, TimescaleDB with PostgreSQL, Elastic Stack, GitLab Enterprise

Havelsan ↗
Software Engineer & Architect   reference: *Hülya VURAL - Software Engineering Manager* ↗   *Ankara, Turkey*
May 2017 - Aug. 2020

- Havelsan is one of the biggest companies working in the defence industry in Turkey. I was working at .NET Software Architecture Team in the Military Project Directorate. Our team was responsible for 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, Angular, Oracle Database, Elastic Stack, Redis, Team Foundation Server

BilgeAdam ↗
Software Consultant   reference: *Seçkin BEDÜK - Software Development Director* ↗   *Ankara, Turkey*
Aug. 2014 - May 2017

- BilgeAdam is a software consultant and one of the biggest software training companies in Turkey. I worked for government offices, including; Prime Ministry and Ministry of Health. For the Prime Ministry, 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. For the Ministry of Health, I replaced the existing electronic document management system to solve critical and complex problems.
- Used technologies at Prime Ministry: ASP.NET Core, jQuery, SQL Server, SQL Server Integration Services, Team Foundation Server.
- Used technologies at Ministry of Health: Windows Presentation Foundation, ASP.NET, Windows Communication Foundation, SQL Server, Telerik Components, Team Foundation Server

Başarsoft ↗
R&D Software Engineer   reference: *Emrah YILMAZ - R&D Manager* ↗   *Ankara, Turkey*
Feb. 2010 - Jan. 2014

- Başarsoft is one of the biggest companies in Turkey specialized in Geographic Information Systems. 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), Web-HTTP 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*

Professional Development - Certifications

2018	**M001: MongoDB Basics**, **M101P: MongoDB for Developers**, **M201: MongoDB Performance**, MongoDB University	*MongoDB University*
2018	**Oracle Database 12c x: SQL and PL/SQL Fundamentals**, Oracle University	*Infopark*
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*