

# Ayberk CANTURK

## Contract Fullstack Developer (.NET/Javascript)

*Eligible to work in the United Kingdom within contract basis positions. Looking for only outside IR35 positions.*

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## Objective

I am looking forward to joining a progressive organization. I am detail-oriented, focused and tech-savvy which makes me a key member of any team. I have a high level of personal morals and integrity. I am goal-oriented, self-motivated and committed to the successful outcome of the project. I am willing to work hard and have a great desire to learn as the nature of our business.

I have outstanding experience in microservices architecture and domain-driven design (DDD) and I am very happy to add value any teams in these subjects as well.

I am always interested in hearing from our valuable customers, interesting creative folk, so feel free to contact me if you'd like to connect.

## Summary

- Started programming while studying at science high-school in 2002, have 15+ years of freelance software development experience and 8+ years of hands-on .NET experience.
- Bachelor of Engineering in 2010 from Electronics, Engineering Faculty of Maltepe University, Istanbul, Turkey.
- An experienced team lead and team player with excellent communication and interpersonal skills who has the ability to work independently under pressure.
- Recently finished my contract with Deloitte LLP in Milton Keynes after 1 years and 9 months.
- Experienced cross functional team member (Scrum.)

## Skills

<b>Programming &amp; Scripting Languages</b>	C#, VB.NET, JavaScript, Typescript, T-SQL, PL-SQL		
<b>Frameworks</b>	.NET Framework, .NET Core, AngularJS, Angular2+		
<b>Cloud</b>	Microsoft Azure (Experienced), AWS, MongoDB Atlas		
<b>Containers</b>	AKS, Kubernetes, Docker		
<b>Open Source Contributions</b>	<b>Package Name</b>	<b>Package Description</b>	<b>Ownership</b>
	NullObject, Dapper.TableValuedParameter ayberkcanturk.Aspect, Stove Project, Stove.EntityFramework.Migrator	Please see github pages. Press ctrl to able to click web sites.	✓ ✓ ✓ X X
<b>Databases</b>	MS-SQL, Oracle, MySQL, MongoDB (certified), Couchbase, RavenDB, Redis		
<b>Tools</b>	Microsoft SQL Server Management Studio, TOAD for Oracle, Robomongo, MongoVUE, Redis Desktop Manager, TortoiseSVN, TortoiseGit, SVN, Bitbucket, Github, TFS, Nuget, Octopus, Jenkins, Cake, JIRA, Service Desk		

## Experiences

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### **Deloitte UK LLP, Milton Keynes, United Kingdom**

#### **Contract .NET Developer**

(16 Apr. 2018 – 31 Jan. 2020)

I've provided software development services to my end client, Deloitte as a contractor .NET Developer.

#### **Accomplishments**

- Redesigned the architecture of core projects and core framework components and ported existing applications to .net core app.
- Built new components with SOLID principles. Removed the business complexity with domain-driven design.
- New components are databases are designed with Microservices architecture. We've implemented Azure Service Bus/MSSQL Server implementations of Rebus due to limitations on the infrastructure side for eventual transactions.
- Refactored and built dozens of UI projects with different technologies such as Angular8, Angular4, ASP.NET WebForms, ASP.NET MVC5. I have delivered a project with Angular8, .NET Core 3.1, Bootstrap4 myself before leaving to control and monitor rebus queues.
- Built CI/CD pipelines with Azure DevOps. We've also had metrics from SonarQube in the pipeline.
- Developed a framework for the test team to improve automated UI tests. This library is decoupled from the testing framework but implemented Specflow and Selenium.

### **HI-MIND LIMITED, Milton Keynes, United Kingdom**

#### **Director**

(Dec. 2017 – ~)

#### **About**

We are a community of passionate professional individuals whose purpose is to revolutionize software art architecture, development and delivery. We work with people and organizations who have ambitious missions and to achieve this purpose we set up smart teams who love challenges and think disruptively to help our clients succeed. We are focused on helping our industry improve, and believe in sharing what we learn. We do this by blogging, running events, talking at conferences, and supporting open source software.,

#### **Responsibilities**

HI-MIND LIMITED is an IT consulting company which was founded in 2017 to provide custom software development services in following technologies but not limited to:

- C#, .NET Framework, .NET Core
- ASP.NET MVC, ASP.NET Web API, ASP.NET Web API Core, WCF Services
- Framework and Infrastructure Development
- WinForms, Windows Services
- Entity Framework, NHibernate
- MS-SQL Server, Oracle, MongoDB, Couchbase, RavenDB, Redis
- Javascript, AngularJS, Angular, VueJS
- Domain-Driven Design, Microservices

- Masstransit, RabbitMQ, Azure Service Bus
- Designing NoSQL Databases
- Designing Enterprise Scalable Applications
- CI with Jenkins, Cake, Octopus

## **DSM Group (Tendyol.com), Istanbul, Turkey**

### **Senior Software Developer (May 2017 – Feb 2018)**

#### **About Trendyol**

Trendyol.com is one of the largest fashion ecommerce website and mobile app. Trendyol.com was founded in 2010 and has over 10 million members. Company received more than 50 million USD investment by Tiger Global and Kleiner Perkins Caufield & Byers and recently received more than 750 million USD investment by Chinese, Alibaba Group to compete Amazon in Turkey.

#### **Responsibilities**

I've worked as a full-stack senior software developer in a scrum team with six (6) members responsible to develop Product Information Management (PIM) application to let internal customers to manage the campaign process from scratch. I've joined to the team in 2<sup>nd</sup> year of the project and it was already failed before my team is hired and dedicated to the project. The reason was it was not well-designed: unmaintainable code with everyday changing businesscode, non-scalable application with performance problems. Therefore we've redesigned the whole architecture as described following;

Trendyol PIM is an Angular Single Page Web Application at the front end. This application is connecting to Gateway and Gateway is connecting to microservices with eventual transaction that we have designed. We've used RESTful APIs with the power of ASP.NET Core 2.0 Web API Kestrel at this time. In design phase of our Microservices; we knew, we had to remove "Transaction Boundries" between contexts and for this reason, we have take advantage of Domain Driven Design (DDD) approach. Also we strictly applied SOLID principles in the whole project to create testable and manageable code.

Please find technologies, packages that we've used in our project:

Kubernetes, Docker, SOLID, DDD, TDD, BDD, AngularJS, ASP.NET Web API, ASP.NET Core 2.0, Kestrel, IdentityServer4, AutoFac, RabbitMQ, Mediatr, Redis, Couchbase, MS-SQL Server 2014, Cake, Jenkins, Octopus, FakeItEasy, Bitbucket (Git), Entity Framework, Dapper, Windows Services.

## **GKFX Financial Services Limited, Istanbul, Turkey**

**Senior Software Developer**  
**(Feb. 2016 – May 2017)**

### **About GKFX**

GKFX Financial Services Limited is a leader in providing CFD trading, spread betting and foreign exchange to an ever expanding and global client base. Our mission is to give traders unparalleled execution and access to the world's global markets via FIX API, desktop and mobile trading platforms. In addition to its headquarter office in London, GKFX has offices and operations in more than 14 different cities all over the world and plays a major role in world financial markets. Its workforce of more than 400 employees consists of experienced forex professionals is based in main financial hubs such as London, Frankfurt, Dubai, Paris and Shanghai.

### **Responsibilities**

I have worked as a senior full-stack software developer in Web Development Team of GKFX. I was responsible development of FCA regulated country web sites: GKFX Global, Cze Republic, Deutschland, España, Italia, Slovensko, UAE, United Kingdom and also non-FCA regulated web sites like gkfxprime.com.

Please find technologies, packages that we've used in our project:

ASP.NET MVC5, Web API, WCF, Windows Service, Entity Framework, Dapper, Castle Windsor, MS-SQL, My-SQL, Redis, Bitbucket (an alternative for Git), SendGrid, Team City, Octopus.

## **Aras Cargo, Istanbul, Turkey**

**Software Developer**  
**(Aug. 2014 – Feb. 2016)**

### **About**

Aras Kargo, is the biggest and most known cargo company in Turkey which serves 12 million individuals, institutions and organizations every month with 13 Regional Directorates, 29 Transfer Centers, 825 Branch Offices, a 4000 more than vehicle fleet and 12 thousand employees while shipping over 450 thousand deliveries from one point of Turkey to another every day.

### **Responsibilities**

I've worked as full-stack develop focused on .NET and Javascript. In the beginning of this role, we have created our development strategy and SDLC from scratch. We have applied SOLID principles and Aspect-Oriented Programming in our projects. After designing phase, we have worked in two greenfield projects which are MVVM (Model View ViewModel) architected Web Projects.

We have used the following framework and technologies;

ASP.NET MVC5, WebSocket, ASP.NET WebForms, ExtJS4, Web API, WCF, Windows Service, Windows Forms, Castle Windsor, Infragistics (for WebForms, WinForms), NHibernate 4.0, Oracle 11g, TFS, SVN, TortoiseSVN, Jenkins, Nuget.

## **Aras Courier, Istanbul, Turkey**

### **Software Developer**

(Aug. 2013 – Jul. 2014)

#### **About**

A company of Aras Holding Cargo Group, Aras Kurye started operating one of the first companies in mass delivery sector in 1993. The company started its operations with service models such as Signed and Unsigned and expanded its range of services with Tailor-made, Contracted deliveries, deliveries against Identification and By Appointment in parallel with customer expectations. Establishing the Motorcycle Courier unit for Istanbul in 2001, the company also started to provide intraday-timed delivery service. It began to distribute Credit Cards and Debit Cards of the banks in 2012 and since then, has managed to be the solution partner of many banks soon due to its reliable and quality service.

#### **Responsibilities**

I've worked as Full Stack Software Developer in this role. I was the only person responsible for software development and maintaining. I integrated two well-known banks within the courier project successfully.

My responsibilities were:

1. Maintaining and development Visual Basic 6 Aras Courier Automation System
2. Maintaining MS-SQL Server
3. New Integrations between automation system and Banks based in Turkey for debit/credit card delivery system.(C# .NET)

We have used following framework and technologies;

ASP.NET MVC3, ASP.NET WebForms, WCF, Windows Service, Windows Forms, Entity Framework,MS-SQL Server 2008-2012, Nuget, C#, Visual Basic 6.0

## **UZEL Technology, Istanbul, Turkey**

### **Lead Engineer**

(Jul. 2012 – May. 2014)

#### **About**

Uzel Technology is a company specialized in deliver tailor fit electronics & software projects to other businesses.

#### **Responsibilities**

I've worked as Lead Engineer of four (4) engineers and eight (8) technicians in the R&D department.

My responsibilities were:

1. Leading electronics & software engineering teams and technician team.
2. Analysing and software development process
3. Helping and assisting electronics engineering process
4. On-site customer support

## **AYB Information Technology Consulting, Istanbul, Turkey**

### **Director, Freelancer Software Developer**

(May. 2002 – May. 2014)

I have started working with VB 6.0 and continue working as freelancer with C# programming languages. I have been in many software projects and I have had service to individual customers to corporate customers.

## **TTNET Corp, Istanbul, Turkey**

### **Intern Engineer**

(Aug. 2010 –Sept. 2010)

Performing TR-069 protocol user acceptance tests of ADSL Modem firmware and custom customer management software (manage, configure modems through Auto Configuration Servers) with different teams from world-wide for the most known and biggest Internet Service Provider (ISP) organization of Turkey.

### **Accomplishments**

Became a key member of the team as an intern engineer and offered a position from the consultancy company. Declined the offer to continue my career with software development.

## **Academic Projects**

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### **Designing a Microstrip Patch Antenna for 2.4 Ghz Band - Thesis Project**

Designing a microstrip patch antenna which is working on 2.4 GHz band frequency and optimized for Wi-Fi channels with using a three dimensional microwave simulator. (3D EM Field Simulator:CST Microwave)

## **Education**

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### **Maltepe University, Engineering Faculty, Istanbul, Turkey**

Electronics Engineering  
2005 – 2010

## **Certifications**

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### **MongoDB For .NET Developers (Exam: 85)**

17.03.2015-05.05.2015

## **Courses**

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### **ACM Scrum PSM I**

29.07.2017-30.07.2017

### **Microsoft Certified Professional Developer**

12.01.2008 – 12.11.2008

### **British English English Courses**

2002-2003

## **Interests**

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Software Engineering and Information Technology is like a passion rather than just being a job to me. Apart from these interests, I have been doing fitness trainings and jogging in my weekly program. In addition to my interests, I like travelling. I have visited 13 countries within 70 city so far.

## **References**

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References can be provided on request.