# Cagdas Erman Afacan

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## **Personal Statement**

I have established a self-employed company called “Develoopers LTD” in London. First target of my company is to provide reusable, self-documented, rock S.O.L.I.D. product development by using best practices, object oriented programming and test driven design.

I have **two open source projects** under <http://www.github.com/afacanerman> called **Api-Valter and Api-Mocker**. Valter project does validate contracts of your services by easy definition, implemented using Node-js. Mocker project creates mock service response from your Valter definitions. These projects are being used by biggest e-commerce website (hepsiburada.com) in Turkey.

I gradated **Computer Engineer department** of Halic University of Turkey / Istanbul. I have skills and knowladge essential for .Net technologies. Also I like to play with different project and languages like NodeJS, ElasticSearch, Javascript, Java, Groovy, Python. I am a fullstack developer without a language dependency.

## **Certificates**

2013 - 5 days - **Basic Requirement Analysis Certificate** - TriodorEdu

2013 - 5 days - **Scrum Certificate**  - TriodorEdu

2013 - .**Net Framework 4, Web Application Developer** - Microsoft certificate number (D985-1120)

2010 - 2011 **English Language Course - Level: Advanced** - Burlington School Of English London

2007- 6 Months - **C Programming Language Certificate** - C and System Programming Association,

## **Education**

2003 - 2008 Bachelor **Computer Engineering Department** - Halic University

## **Work Experience**

### 08/2014 - current - **Hepsiburada.com** Senior Software Developer

Hepsiburada.com is most powerful and oldest e-commerce website in Turkey. There are 600.000 products and their variations in 30+ categories. My team and I re-implemented the lagacy product from scratch with robust and trend technologies. Worked with**Thoughtworks** London office for a while to understand implementing a project with **agile approach** including **pair programming**, **TDD, BDD**.

Set up **continious integration pipelines** including unit, integration, contract, journey and regression tests in order to deploy our product continuously. We have developed over seven **micro services** with Nancy-FX project. Our Storefront is .**Net, MVC 5, C#, KnockoutJs, Typescript, jQuery,.** Grunt for JavaScript task management, **MS-SQL 2014 for database, Mongo DB for product cache db, Front cache is Varnish and Varnish+**. Go product for continuous integration. **Kibana ElasticSearch Logstash-forwarder for log monitoring**. **Cucumber Capybara Ruby for BDD, Nunit for Unit testing and TDD, Api-Valter for Consumer Driven Contract Testing**.

### 09/2011 - 08/2014 - **Triodor Research & Development** Senior Software Developer

Triodor is a Dutch company that gives B2B and B2C solutions to their Dutch clients.

* Equivalent B2C: Equivalent is an IT benchmarking software that analysis your services and helps you reduce the costs of your services. For further information: <http://www.quintgroup.com/services/consulting/equivalent-tco-monitoring> Based on .NET, C#, MVC3, MSSQL 2008, Ext.net, Ext.js.
* 3D Field Design App B2C: We have developed 3D field design app for a Dutch (lely.com) company which is one of the biggest agricultural company in the world. App is developed in flash air technology compatible to work in all environments such as web and mobile. My duty was to implementing backend part with WCF service and database management MS-SQL 2008. Also implementation of online / offline caching algorithm to improve synchronization speed of the mobile devices.
* Based on Flash Air, C# WCF, MS-SQL, MONGODB.
* Soil Cares Ofa B2C: Project analyses the soil and gives detailed reports to the farmers to improve soil quality for the next harvest of their lands. Product owner is a dutch company which gives agricultural solutions for all around the world. Project is able to work online / offline environment.
* For Further information <http://www.soilcares.com/en/products/products-integrated-soil-fertility-analyses/fertilizer-recommendations>
* Based on WPF C#, WCF, MSSQL.
* Metalradar B2C: Metalradar is an interactive real-time web application which displays metal exchanges in world wide. Users can add/delete widgets, dashboards and also generate real-time reports. Based on .NET, C#, MVC 3, MS-SQL, Memcache, JavaScript, jQuery,

### 11/2010 - 08/2011 - **Self Employed in UK**

JQuery and JavaScript plug-in development. Web applications development.

• Google News Crawler ( JavaScript-PHP )

• Brochure Web designing

### 05/2010 - 12/2010 - **Turkey Military Obligation Completed**

### 12/2009 - 04/2010 - **Innovative Education Solutions** Contractor Software Developer USA

I worked on an e-learning project that aimed to be used in USA primary schools in order to improve learning with interactivity. Basically I developed few modules for the company such as interactive slide preparing module and also some CRUD modules Most of the time I focused on improving slowness in the system. Based on .NET C# web forms, MS-SQL 2008, Telerik web components.

### 08/2008 - 12/2009 - **Done Communication and Information** Software Developer

I was responsible for developing of SMS and MMS services via GSM operators Turkcell and Vodafone.

• MMS Portal for Wataniya; which is GSM operator of Palestine. Technologies: Asp.net web forms, JavaScript, MS-SQL 2005

• Chat-Meydanim: Match-making Chat application in WAP .NET C# WebForms, MS-SQL2005

• Chat-Meydani: Match-making platform portal .NET, C#, WebForms, MS-SQL2005