

**What I did in the work:** (My current project is the most interesting because I am main developer which was responsible for the architecture)

I Created Web Api Architecture from scratch. I divided project structure into 4 different layers. It was:

Domain layer      Infrastructure layer      Application layer  
View/Api Layer

I designed the application according to solid rules and best object oriented design patterns.

For example:

- factory
- dependency injection
- programming by contracts
- lazy loading
- policy authorization and claims

I used swagger library to achieve clear and effective documentation about restful method in the api.

The api was secured by Jwt bearer token. I use azure active directory to achieve it.

I implemented real time notification by means of SignalR framework.

Whole api was designed by Plain Old CLR Object and Model first approach.

I use Entityframework to communicate with database.

In part of the system where search functionality was the most important I used azure storage and azure search.

In the media press I worked also with the maintaining and developing big system. The system has created since 2006. After six months of work I became the main developer. That system have a lot of technology for example:

- asp mvc
- asp web api
- entity framework
- nhibernate
- npg sql (it was own orm framework created by people from the company, it was necessary because application had performance issues)
- jQuery
- kookaut
- angular js
- apache solr

In that system I worked almost two years. During that time:

- I fixed all the bugs,
- I replaced devart postgresql orm into npg sql
- I integrated the system with outside authorization
- I replaced wcf obsolete method on web api restful methods
- I refactored bad quality code
- I added new functionality using angular js

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On the beginning my career at Media Press, I worked in frontend team. I was developing rich api client which was created only with react js. This project used ecma script 6, so writing a code was more effective. In react I worked only 3 month. I

**I realized several task for example:**

- drag and drop pictures functionality (every picture has priority, so user could set it using the mouse )
- another functionality it was displaying the lists of the tv senders and real time search
- I also created the view which allow post, update and delete data about tv senders

Sometimes I created own css styles, because bootstrap styles it was not enough.

## SABRE

At the sabre company I worked in the team in which the quality of the code was the most important. When we implemented new functionality we always wrote unit tests. My teams consist mainly senior developers, two qa's, product owner and scrum master. I was a full stack developer which worked in .net mvc and angular js. We developed app store, similar store to google play store.

During that time I realized how important is the code quality, I knew design patterns, solid rules, unit tests and good programming practices.

## SAPICO

At the sapico company:

My most tasks were related to developing mvc application and wcf communication.

As fullstack developer I worked also with sql. I created database views, functions, stored procedures and indexes.

In mvc applications mainly I used knockout js, ajax, bootstrap and linq.

I also worked with xml documents security. I used RSA to encryption, decryption and digital signature. During that task I used wcf technology to retrieve and insert xml documents to database.

The last of my bigger tasks were related with integration crm system with call center service.

I used WCF to send the data to the call center and after processing I saved the data in the crm system.

#### 4.Hoby questions

I have a lot of hobby and interests. I really like read books about programming and watch pluralsight. Plularsight is the world's largest training library for programmers and it allow easy increase knowledge aobut good practice in programming. Apart from programming I really like swimming and dancing it is very pleasure for me. During dancing I forget about my all my tensions and relax myself. I also love enjoy with my friends and play in tennis.

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