


## PERSONAL INFORMATION



## Marian Focsa

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## PERSONAL STATEMENT

Sassy software enthusiast with great skills of communication, attention to details & architectural thinking. Based on my fast learning algorithm and team choreography understanding, I'm looking forward to increasing my software engineering skills and growing myself into the better developer by tackling difficult projects and coming front with innovative solutions. Open-minded, I'll be always looking for a new challenge to take on.

## WORK EXPERIENCE

05/2018–Present

## Lead .NET Software Developer

Kirey Group, Iasi (Romania)

Team leader/lead developer of a full-stack project (ASP.NET + Angular) - **Codename "AM"** - of which activity consisted in re-engineering an old desktop application into the new world of technology (mapping it to world-wide-web and also improving core concepts).

## Technologies used:

**Frameworks:** .NET Core, ASP.NET Core (MVC, WebApi), Entity Framework Core, Angular, Angular Material, Bootstrap, MSUnit

**Languages:** C#, TypeScript, JavaScript, LINQ, T-SQL flavor

**Environment:** Visual Studio, Visual Studio Code, SQL Server Management Studio, DBeaver, GIT (Bitbucket), Postman, Jira

**Others:** HTML, CSS, Chart.JS, ASP.NET Core DI, Enterprise Library, AutoMapper, EPPlus (Excel), SqlKata (query builder), SSO, Citrix Workspace

08/2017–05/2018

## Lead .NET Software Developer

Kirey Group, Iasi (Romania)

Developed, from architecture up to the final deployments, an ASP.NET application - **Codename "Promise"** - used for managing the workflow of oil&gas project management systems.

Coordinated, in an Agile manner, a small team of developers in order to build the application using standard design patterns, IoC mechanism, RESTful services, cool front-end libraries, and many other fancy-term technologies.

## Technologies used:

**Frameworks:** .NET Framework, ASP.NET (MVC, WebApi), Entity Framework, Bootstrap, MSUnit

**Languages:** C#, LINQ, MySQL flavor, JavaScript

**Environment:** Visual Studio, Visual Studio Code, SQL Server Management Studio, SVN (Tortoise), GIT (Bitbucket), MySQL Workbench

**Others:** HTML, CSS, jQuery, jQuery Datatables, Chart.JS, Autofac, AutoMapper, NPOI (Excel), PDFSharp (PDF), SqlKata (query builder)

## 09/2016–08/2017 .NET Software Developer

KireyEst S.R.L., Iasi (Romania)

Developed, with the help of an expert team, from scratch, a WPF Desktop application for a banking customer - **Codename "Product placement"**. My main role was of implementing and testing new functionalities added to the application and discussing the best practices on implementing certain architectures. I worked part-time, while also studying at university.

### Technologies used:

**Frameworks:** .NET Framework, WPF (MVVM), Entity Framework

**Languages:** VB.NET, T-SQL, LINQ, XAML

**Environment:** Visual Studio, SQL Server Management Studio, TFS, Citrix

## 06/2016–09/2016 Software Developer & Automation Tester

KireyEst S.R.L., Iasi (Romania)

The activity consisted of writing, executing and supervising automated tests in Telerik (C#) and of developing small tools that help into better automating the tests. I worked part-time while also studying at university.

### Technologies used:

**Frameworks:** Telerik

**Languages:** C#, T-SQL

**Environment:** Visual Studio, SQL Server Management Studio

## 10/2015–06/2016 .NET Software Developer

KireyEst S.R.L., Iasi (Romania)

Worked as an ASP.NET Developer on a project, **Codename "Anti-fraud"**. The activity consisted of adding new functionalities and maintaining existing ones in a web application (built on top of ASP.NET Framework) of which purpose was managing the anti-fraud banking system. I worked part-time while also studying at university.

### Technologies used:

**Frameworks:** .NET Framework, ASP.NET Web Forms, Spring.NET, Bootstrap

**Languages:** C#, T-SQL, JavaScript

**Environment:** Visual Studio, SQL Server Management Studio, SVN (Tortoise SVN)

**Others:** HTML, CSS, jQuery

## 07/2015–10/2015 .NET Software Intern

KireyEst S.R.L., Iasi (Romania)

Trained by a supervisor in a long list of .NET Technologies by realizing small projects (enum: C#, VB.NET, ASP.NET WebForms, ASP.NET MVC, ADO.NET, Entity Framework, WPF – MVVM, WFC, Spring.NET, T-SQL, Javascript & jQuery, HTML, CSS...).

## EDUCATION AND TRAINING

08/08/2019–08/08/2019

### Certificate of Completion - Agile Project Management: Scrum Step by Step

Udemy

I took this online course in order to further advance the knowledge obtained in a previous course on the same topic ("Scrum Certification Prep + Scrum Master + Agile Scrum Training"). I learned more details about Scrum Artifacts, member roles and techniques in order to properly apply Scrum, with a few real-world examples.

[Related document\(s\): UC-4GREQAHJ.jpg](#)

04/2019–07/2019

### Certificate of Completion - Angular - The Complete Guide

Udemy

I took this online course because I wanted to root in my knowledge of Angular (and discover what I didn't know already) and because I really like how Maximilian Schwarzmüller presents it.

Throughout the course, I learned everything there is to know about Angular, from TypeScript, Components, Databinding and Routing up to State Management with Subjects or Redux (ngRx) and building dynamic components and animations. The course contained a lot of practical challenges and a final project that I built during the course.

[Related document\(s\): UC-30XT1MAU.jpg](#)

06/2019–06/2019

### Certificate of Completion - Scrum Certification Prep + Scrum Master + Agile Scrum Training

Udemy

I took this online course in order to clarify my notions about Agile methodologies and the Scrum framework.

Throughout the course, I learned about the Scrum Theory, Scrum Team Roles, Scrum Events, Scrum Artifacts, Scrum of Scrums, with practical exercises and questions, and assisted at some live examples on how to do and how not to do Scrum.

[Related document\(s\): UC-SOSRGIMB.jpg](#)

10/2014–07/2017

### Degree in Computer Science [Unlicensed]

Faculty of Computer Science, "Alexandru Ioan Cuza" University, Iasi (Romania)

Status: finished, no license.

Three years of learning more or less useful knowledge (presented in a more or less optimized fashion), meeting new people and discovering new ideas about my future self.

#### Topics studied:

Web Technologies, Cloud Computing, .NET, .NET Advanced, OOP Programming, Programming Engineering, Computer Networks, Databases & DBMS Practice, Operating Systems - Linux, Python, Game Design & Development, Computer Graphics (C), Regular Expressions, Mathematics, Logics for Computer Science, Machine Learning, Artificial Intelligence, Data Structures, Algorithms Design, Java

#### Ending grades:

Year 1: 9.83

Year 2: 9.5

Year 3: quit at the end

[Related document\(s\): Adeverinta\\_An\\_3.JPG](#)

09/2010–07/2014

## Baccalaureate Diploma In Mathematics And Computer Science

EQF level 4

„Ștefan Procopiu” High-School, Vaslui (Romania)

Also obtained **Professional Certificate**, **High School Diploma**, and **English Certificate**.

Baccalaureate - Jun 2014. Avg: **9.86**

- Mathematics: **10**
- Computer Science (C/C++) : **10**
- Romanian Language & Literature: **9.6**.

### PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

### Communication skills

Excellent communication skills on subjects related to my field of expertise, mostly based on the confidence I have in my technical background but also gained through my experience as a team leader and as a technical representative of the team in discussions with managers, business analysts, and customers.

Very good communication skills in other social-interaction environments, based on my vast pop-culture knowledge and thorough sarcasm.

### Organisational / managerial skills

Good leadership expertise - advancing from the team leader of 2 other people to managing the workflow of a team of 6 people in order to better suit the business.

Good organizational skills mostly gained with my attention to every detail of every process and the proficient use of tools that make the job easier (calendars, Office Suite, Jira Suite, Kanban boards - like Trello/Jira, planning applications, knowledge database applications like Notion, etc.).

Very good knowledge of organizing a team in order to follow the Agile methodology (with or without using the Scrum framework) obtained through following a course on this subject and from experience.

## Job-related skills

### Domains of expertise:

- Web Development: designing and creating APIs, full-stack with different frameworks, knowledge of core concepts that I can apply other frameworks
- .NET Development: desktop, web or services
- S.O.L.I.D Programming: with thorough use of OOP and Design Patterns
- Front-End Development: with or without a framework
- Relational Databases: Manage, Query, Procedural Programming

**Programming Languages Known** (highest to lowest): C#, JavaScript, TypeScript, SQL (with flavors: PL/SQL, T-SQL, MySQL), Vb.NET, Python, C/C++, Java

### Technologies mastered:

- ASP.NET (Basic & Core): ASP.NET MVC, ASP.NET Web API, .NET Core mechanism and many libraries and NuGet packages for any use-case
- Front-End Frameworks & Libs: jQuery, Angular (2+), Bootstrap, Material Design Frameworks (Angular Material, Materialize), Chart.JS + Chart.JS based packages, etc.
- Databases & ORMs: Includes T-SQL / PL/SQL knowledge, advanced query writing, query building mechanisms, Entity Framework (Core) proficiency with extras like EPPlus (batch) and LINQ, that can be adapted to other ORMs
- Agile Methodology (with or without Scrum framework)
- Async Programming
- .NET Framework: for desktop-driven projects, like WPF / WFA, or WCF projects
- Node.JS: used only in non-work environments with frameworks like Express.JS and Sails.JS for server development and Electron for desktop-driven applications (also played with combining Electron with .NET Applications)
- Regular Expressions: includes basic knowledge, usually for easier find & replace and for validations

**Other helpful skills:** Fast Learning Algorithm, Architectural Thinking, Attention to Details, Leadership

## Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

## Other skills

Robin Williams said in 'Dead Poets Society', I quote:

*"We don't read and write poetry because it's cute. We read and write poetry because we are members of the human race. And the human race is filled with passion. And medicine, law, business, engineering, these are noble pursuits and necessary to sustain life. But poetry, beauty, romance, love, these are what we stay alive for."*

That's why I count as skills my character traits that appreciate the following topics:

- Cinematography - I can appreciate a good movie and talk about its core concepts. I sometimes leave comments on [IMDb](#) and [Taste](#).
- Photography - I am a beginner photographer with quite a few shooting and editing skills. Sometimes I participate in challenges on [Gurushots](#).
- Coffee - I can ingest coffee and produce code
- Music - I can appreciate good music and a good pair of headphones or an audio system. I make interesting playlists on [Spotify](#).
- Reading - I have the ability to read books, my 'professional' genres being fantasy, SF and the classics. I sometimes rate what I read on [GoodReads](#).
- Money - if I get enough money, I can invest them in things that make my work quality prosper
- Humour - I have a high level of irony and sarcasm which can help anytime. And I've also won the international sarcasm contest from Ethiopia last year.

## ADDITIONAL INFORMATION

### Certifications

#### **Certificate of Completion - C# Course, SoloLearn**

Completed the online "C#" course from Google's SoloLearn and received the completion certificate. The course was focused on learning the basic syntax and then advancing to tips & tricks of the C# programming language.

[Related document\(s\): cert-1080-1229632.jpg](#)

### Certifications

#### **Certificate of Completion - JavaScript Course, SoloLearn**

Completed the online "JavaScript" course from Google's SoloLearn and received the completion certificate. The course was focused on learning the basic syntax and then advancing to tips & tricks of the JavaScript programming language.

[Related document\(s\): cert-1024-1229632.jpg](#)

### Certifications

#### **Certificate of Completion - HTML Fundamentals, SoloLearn**

Completed the online "HTML Fundamentals" course from Google's SoloLearn and received the completion certificate. The course was focused on learning the basic - up to advanced topics of HTML(5).

[Related document\(s\): cert-1014-1229632.jpg](#)

### Certifications

#### **Certificate of Completion - Python 3 Course, SoloLearn**

Completed the online "Python 3" course from Google's SoloLearn and received the completion certificate. The course was focused on learning the basic - up to advanced topics of the Python (3) programming language.

[Related document\(s\): cert-1073-1229632.jpg](#)

## Honours and awards

**Online International Olympiad of Mathematics MO-Ariel 2015**

Participated at MO-Ariel (online international olympiad of Mathematics) in 2015, alongside 3 teammates, guided by Mr. Florin Iacob (FI).  
Advanced to the finals, in the online Mathematics „Championship”.  
Won a bronze medal.

## Honours and awards

**IT Marathon, 2014**

- Participated alongside a friend in this contest, organized by AC Iași, in 2014
- The main goal of the contest was to build in a day (6-8 hours) a desktop LAN chat client
- Finished 3rd place.

## Honours and awards

**O.T.I. 2011, 2012, 2014**

- Participated at O.T.I. ("Olimpiada de Tehnologia Informației" ~ Competition of Informatics Technology, formerly known as C.I.A.).
- 2011: Domain was Web / Microsoft Office / General Computer Knowledge. 1st place county level, Silver national level
- 2012: Domain was Web / Microsoft Office / General Computer Knowledge. 1st place county level, nothing national level
- 2014: Domain was C#. 2nd place county level.