PERSONAL INFORMATION

Marian Focșa

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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.

With a verifiable experience in developing web applications with (but not limited to) .NET technologies and various front-end frameworks (from jQuery up to Angular and Vue.JS), and a born ability to track and fix problems, build tools and test new technologies, I am ready to expose to you the secrets of fast and high-quality software development.

WORK EXPERIENCE

08/2017–Present

Lead .NET Software Developer

Kirey Group, Iasi (Romania)

Team leader/lead developer of a continuously growing team, working with a tech-stack floating around .NET (Core) and Angular, collaborating with clients and managers from multiple countries.

Related projects: Promis - Oil&Gas Project Management, Risk Asset Manager

Frameworks: .NET Framework / Core, ASP.NET (Core) MVC / WebApi, Entity Framework (Core), Angular, MSUnit

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

Environment: Visual Studio, Visual Studio Code, SQL Server Management Studio, DBeaver, GIT (Bitbucket), SVN (Tortoise), Postman, Jira, Citrix Workspace

Others: HTML, CSS, jQuery, Chart.JS, Angular Material, Bootstrap, ASP.NET Core DI, Autofac, Enterprise Library, Automapper, EPPlus (Excel), NPOI (Excel), EFPlus (batch queries), SqlKata (query builder), PDFSharp, SSO

10/2015–07/2017

.NET Software Developer

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

Worked part-time, while also studying at university, alongside both junior and experienced developers, on a various set of technologies, in order to gain experience.

Related projects: Anti-fraud - Fraud & Risk Management, "Vittoria's Secrets" - Automated Tests & Tools, "Product Factory" - Banking Product Management

Frameworks: .NET Framework, ASP.NET WebForms, WPF (MVVM), Entity Framework, Spring.NET, Telerik

Languages: C#, VB.NET, T-SQL flavor, LINQ, XAML

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

Others: HTML, CSS, jQuery, Bootstrap

| 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

| 01/09/2019–04/12/2019 | **Certificate of Completion - Vue.js The Complete Guide** |
| | Udemy |

I took this complete course about Vue.js in order to prepare for a set of work-related projects and to keep up with the ongoing progress of front-end technologies. Coming from an Angular background, many terms here are familiar; as a result, it was easy to learn and interesting to compare the two tools.

This course is presented by Maximilian Schwarzmüller, the same awesome person from which I learned Angular. All problems tackled in the course can be found on my GitHub.

| 01/09/2019–01/10/2019 | **Certificate of Completion - DevOps Essentials** |
| | Udemy |

I took this course in order to learn the core notion of what DevOps ecosystem means. It is presented by The Linux Academy.

| 08/08/2019–08/08/2019 | **Certificate of Completion - Agile Project Management: Scrum Step by Step** |
| | Udemy |

The followup to "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 in real-world scenarios.

| 04/2019–07/2019 | **Certificate of Completion - Angular - The Complete Guide** |
| | Udemy |

I took this course after already working with Angular a few months, for rooting my knowledge on the subject. This complete guide is presented by *Maximilian Schwarzmüller*. All problems tackled in the course can be found on my GitHub.

| 06/2019–06/2019 | **Certificate of Completion - Scrum Certification Prep + Scrum Master + Agile Scrum Training** |
| | Udemy |

I took this 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.

| 10/2014–07/2017 | **Degree in Computer Science** |
| | Faculty of Computer Science, "Alexandru Ioan Cuza" University, Iasi (Romania) |

Status: finished studies, 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

09/2010–07/2014	**Baccalaureate Diploma In Mathematics And Computer Science**	EQF level 4

„Ştefan 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 multiple teams 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
- Agile Methodology (with or without Scrum framework)

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+), Vue.JS, Bootstrap, Material Design Frameworks (Angular Material, Materialize), PrimeNG, 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 EFPlus (batch) and LINQ, that can be adapted easily to other ORMs
- 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, Proactivity, 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

Projects   **Name**: Replay.NET - Streaming App Playground
Details: A web application that tries to integrate many existing movie engines (IMDb, Trakt, Taste) for creating awesome movie browsing and a one-place streaming experience. Includes many technology playgrounds, like ASP.NET Core, scraping and testing with Puppeteer, streaming from HTTP and P2P sources, integrating other existing apps with Electron, etc. Private project.
Role: product owner, tech leader, full-stack developer
Time period: Aug. 2018 - Present
Type / URL: Personal / Private

Projects   **Name**: Risk Asset Manager
Details: Web application, re-engineered and optimized after an old Desktop one, with ASP.NET Core & Angular as main tech stack, which does banking workflows, algorithms and management of assets. Further details are private.
Role: tech leader, full-stack developer
Time period: May. 2018 - Aug. 2019
Type / URL: Work / Private

Projects   **Name**: Autofiller - Gurushots Automation Bot
Details: Created as a side project in order to test if Gurushots' voting sessions and friend search can be automated using Puppeteer and .NET Core. Private project.
Role: product owner, tech leader, full-stack developer
Time period: Sep. 2018 - Nov. 2018
Type / URL: Personal / Private

Projects   **Name**: LIFR - Instagram Manager
Details: Web, Node.JS based application for managing Instagram account - access to followers, unfollowers, history, automated tasks, using the "hacked" Instagram API. Private & Abandoned project, but worth mentioning.
Role: product owner, tech leader, full-stack developer
Time period: Nov. 2017 - Nov. 2018
Type / URL: Personal / Private

Projects   **Name**: Promis - Oil&Gas Project Management
Details: A smart web application, ASP.NET MVC & (*insert many FE libs here) of which sole purpose is the management of huge oil & gas project's construction and resources. Further details are private.
Role: tech leader, full-stack developer
Time period: Aug. 2017 - Apr. 2018
Type / URL: Work / Private

Projects   **Name**: "Product Factory" - Banking Product Management
Details: Developed a WPF Desktop application, withing an internal MVVM framework, following best practices, adding architectural ideas and testing.
Role: desktop developer
Time period: Nov. 2016 - Aug. 2017
Type / URL: Work / Private

Projects   **Name**: Solution1 - .NET Core iteration & improvement of Fun Web
Details: Next-gen/alternative of Fun Web. Replaces multiplayer concepts with strong assignments uploads/copyrights check/grades management. Check Github for full details.
Role: tech leader, full-stack developer
Time period: Nov. 2016 - Feb. 2017
Type / URL: University / GitHub

Projects   **Name**: ID3 Helper - Machine Learning playground for Web & Mobile
Details: Based on the Cordova engine, this is a helper for the ID3 Machine Learning Algorithm, which can be used on the web or compiled for mobile. Check Github for full details.
Role: developer
Time period: Jan. 2017
Type / URL: Personal / GitHub

Projects   **Name**: "Problem Solver" - CodinGame, Leetcode solutions
Details: In my free time, I like to take part in problem-solving / competitive websites where people can solve different problems, which are presented (or not) in the form of games. This project involves solving certain problems (games) from there.
The list of solved problems is from CodinGame and Leetcode (for now) and it's not so consistent as my free time is limited. It is available on GitHub.
Role: problem solver
Time period: Nov. 2016 - Present
Type / URL: Personal / CodinGame Repo / LeetCode Repo

Projects   **Name**: "Vittoria's Secrets" - Automated Tests & Tools
Details: Developed a set of tools to facilitate the automated testing of a banking website (C#); also executed and maintained a set of (Telerik) automated tests.
Role: test-tools developer, automation tests supervisor
Time period: Jun. 2016 - Nov. 2016
Type / URL: Work / Private

Projects   **Name**: "Anti-fraud" - Fraud management system
Details: A smart web application, ASP.NET WebForms. Entered the project when it was in progress and developed different functionalities.
Role: full-stack developer
Time period: Oct. 2015 - Jun. 2016
Type / URL: Work / Private

Projects   **Name**: Fun Web - Node.JS based Learning & Multiplayer Web Application
Details: Fun educational app for learning courses, gaining XP and then competing in multiplayer Q&A competitions. Check Github for full details.
Role: full-stack developer
Time period: Mar. 2016 - Jun. 2016
Type / URL: University / GitHub

Projects	**Name**: Change Notifier - Desktop Electron Application **Details**: Built with Electron, capable of running diffs on a webpage, send notifications when something changes and show you only what's changed, using native notifications. Check Github for full details. **Role**: full-stack developer **Time period**: Jan. 2016 **Type / URL**: Personal / GitHub

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.

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.

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).

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.

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 (FII).
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.