



MECU Mihai-Sorin

Passionate Full-Stack developer searching for a remote job

Over 15 years of experience in domains like Logistics, Stock Exchange market, Finance and Administration, GPS tracking and Fleet Management, Customs Borders scanning.
Enthusiast about Machine Learning

Contact:

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Chat with a bot about Sorin

Age: 37 Citizenship: Romanian Married, 1 child Cat B driving license

Current Status

Immediately available - Searching for the next project to be excited about.

Skills

Extensive experience in finding practical working solutions to business problems.
I am reliable, friendly, creative, enthusiast and efficient.
Good grasp of design patterns, BDD, TDD.
Having the habit to learn something new with every chance I get.

You want something done right? I'm the person you need, as you can see from my CV, I'm the cerebral doer kind that finds the best solution to overcome the obstacles, not the "achiever" struggling windmills.

Programming Languages

Programming languages polyglot . List of programming languages I would like to use in future projects:

F#	██████████████████	(4 years) as hobby
Go / Golang	██████████████████	(3 years) as hobby
C#	██████████████████	(11 years)
Elm / ElmLang	██████████████████	(less than a year) as hobby
TypeScript	██████████████████	(3 years)
JavaScript	██████████████████	(6 years)

Experience

Beside professional experience, as hobby, implemented various utility projects, gadgets (started with ATMEL micro-controllers, later Arduino) and mobile (Java, Cordova, Ionic, Elm, F#, Fable, Suave, Golang, Canopy, Selenium, Docker).
Implemented with success *Anomaly Detection* and *Supervised Learning* algorithms to highlight possible fuel thefts.

Senior IT Consultant at [MB Telecom LTD SRL](#)

1 year 1 month (April 2015 – April 2016) Referee: *Andrei Iacobita*

Activity short summary:

- » Added new functionalities and enhancements to the code base of an application that is used by the Customs Borders Police
- » Optimized the database queries and removed redundant calls, greatly reducing the response time
- » Augmented the testing platform to ease the code maintenance, fixed the bugs, improved the code coverage
- » Elaborated a tool that cope with data fragmentation, by auto-activation on the dynamic events configured
- As a side project: programmed a small Arduino device and the associated mobile application.

Technologies and framework used: C#, TSQL, TypeScript, C++, MSSQL, LinqToSQL, ASP.Net MVC, EF, WCF, ASP.Net WebForms, Rx.Net, Azure, RxJS, AngularJS, Ionic, etc..

Solution Developer at [SAS Grup](#)

5 years 3 months (September 2009 – November 2014) Referee: *Adrian Dinu*
(Worked remotely over 4.5 continuous years)

Activity short summary:

- » Created a complex platform (from the services to the UI, everything except database queries and GPS devices specific logic) that provides fleet management solution as a service (biggest in Romania, that is used by companies like Coca-Cola, Orange, Vel Pitar). Analyzed, provided and presented, in various forms, the data collected by the GPS devices mounted on the cars.
- One of the side-projects was to reverse engineered the API of a personal tracking device, by sniffing the serial communication, to create a configuration application (to remove human errors and to reduce the time needed from 8 minutes to less than 1 minute per device).

Technologies and frameworks used: C#, TypeScript, JavaScript, TSQL, WCF, WPF, WWF, Silverlight, WinForms, ASP.Net WebForms, ASP.Net MVC, Telerik, Unity IOC, OpenLayers, KnockoutJS, AngularJS, OpenstreetMaps, Leaflet, D3.js, SignalR, Rx.Net, T4, SQLite, etc..

Solution Architect and Developer at [Rosal Grup SRL](#)

2 years 5 months (April 2007 – August 2009) Referee: *Cosmin Oprea*

Activity short summary:

- » In a team with other 2 programmers, developed an ERP solution for a group of over 40 firms with different area of activity (street cleaning, trash recycling, electronics manufacturing, tiles manufacturing, i.a.).
- One of the side-projects was an inventory scanning application on Windows Mobile that could operate both on-line and off-line.

Technologies and framework used: C#, JavaScript, TSQL, WinForms, ASP.Net WebForms, MSSQL, MS Reporting Services, Crystal Reports, WS-Security, Windows Mobile, etc..

IT Manager at SSIF Euro Invest Vision SRL

2 years 8 months (September 2004 – April 2007) Referee: *Corona Radulescu*

Activity short summary:

- » Maintained the solution used by the brokers for trading on the Stock Exchange.
- » Fixed some very subtle bugs inherited in the code base
- » Improved the application data flow between the brokerage house and the Stock Exchange Authorities
- » Added new features and updated the business logic to keep up with the frequent changes of the Stock Exchange regulations.
- As a side-project started the transition of the platform (except the accounting application) from Access to Microsoft SQL server.

Technologies used: TSQL, Visual Basic, C#, Access, MSSQL

Solution Developer and IT Administrator at [SC Magic Tic-Tac SRL](#)

3 years 2 months (April 2001 – May 2004) Referee: *Dan Plosca*

Activity short summary:

- » Developed an ERP solution for a firm that provides food distribution and logistic services.
- As a high note created a driver for a POS in FoxPro, to improve the speed of sales.

Technologies used: FoxPro and Visual FoxPro

Education

Stanford University by Coursera platform

Machine Learning course - [Certificate License NNJVA7SM77QV](#)
2016

[University of Bucharest - Faculty of Mathematics and Computer Science](#)

Master's Degree, Computer Science - Artificial Intelligence
1997 – 2001

Hobbies

Aikido and Chess - to keep a healthy body: "Mens sana in corpore sano"



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Thank you for your patience!

Let me reward your attention with a joke: What does a redneck say before he gets injured? "Watch this!"