

OBJECTIVE

Seeking a challenging environment where I will have the opportunity to exploit my potential to its full limits.

EXPERIENCE

January 2014 – November 2014

SAFER Systems, US Company

Software developer for SAFER One, a web application that contains scenarios modeling regarding chemical releases and spills. Used by chemical, oil and gas facilities and by government agencies. I have built various modules according to the specifications, both client and server side.

The solution uses .NET 4.5, MS MVC 5, Entity Framework 6, MS SQL 2012, jQuery, jQuery UI, KnockoutJS, Telerik Kendo UI suite and also a large amount of custom javascript.

June 2011 – December 2013

Agiboo B.V., Dutch company

Freelance developer for the Agiblocks solution, which is used by commodity traders, producers and manufacturers. The solution contains modules for user management, contract management, shipments, invoicing, inventory, risk management, simulations, FOREX, trading positions for dairy products, coffee, metals. I have implemented independently and together with other colleagues in the team, various modules, according to the specifications.

The solution uses .NET 4.0, MS MVC 3.0, Entity Framework, MS SQL 2008, jQuery, Telerik MVC Controls, KnockoutJS.

Freelance developer of a risk management application for Neumann Kaffee Gruppe – the world's leading coffee trader – a system that includes options and futures management, simulations. Built together with 2 colleagues.

The solution uses .NET 4.0, MS MVC 3.0, Entity Framework, MS SQL 2008, jQuery, Telerik MVC Controls, KnockoutJS.

May 2010/March – May 2011

Brabant Water N.V., Dutch company

Freelance developer for TOM (Toezicht op Maat) – Rewrite of the admin and mobile applications built at the end of 2008, using modern HTML and CSS. Enhanced existing reports. Added new reports to provide statistics about how the assessments are performed. Improved the performance of both admin and mobile parts.

The applications are built with MS SQL 2005, .NET 3.5, NHibernate and Web Forms.

August – November 2010

Energy Software Solutions B.V., Dutch startup

Freelance developer for ESSaver. I have developed the reports displaying the electricity usage statistics.

The application is built with MS SQL 2005, .NET 3.5, NHibernate, Web Forms and jQuery.

October 2006 – January 2010

Offshore Solutions srl, Dutch owned company

August 2009 – January 2010

Senior developer for Delta Huisaansluitingen – a fork of the Synfra's [Huisaansluitingen](http://www.huisaansluitingen.nl/default.aspx) (<http://www.huisaansluitingen.nl/default.aspx>) application which customers are using to make requests for connections.

Delta company wants to include an offer module, to provide the customer an estimate of the connection's costs. I have worked in a team with a colleague developer. I have managed the requirements, the relationship with the customer, helped my colleague with the development and wrote code as well.

July 2009 – August 2009

Senior developer for [Storingen](http://storingen.synfra.nl/) (<http://storingen.synfra.nl/>), a web application used by Synfra to track incidents (storingen) in the public network of water/gas/electricity. I have discussed the requirements with the customer, supervised and helped a colleague developer with the coding. I have integrated Google Maps to display the location of the incidents.

The application is built with MS SQL 2005, .NET 3.5, Castle Monorail web framework, NHibernate, jQuery.

June 2009 – July 2009

Project manager for a web services project, for Synfra's contractors. I have discussed the requirements and managed the relationship with the customer, supervised and helped a colleague developer with coding the application.

April 2009 – June 2009

Senior developer of [Veranda Online](http://www.verandaonline.nl/) (<http://www.verandaonline.nl/>), an online store for SVK Gevelelementen Benelux BV – a Dutch company. The company makes and sells verandas. I have created the database design, server side development, integrated the html layout provided by the web designer and the flash "preview" provided by the flash developer. I have integrated also Google Maps and used Google Maps API for distance calculation.

The application is built with MS SQL 2005, .NET 3.5, Castle Monorail web framework, NHibernate, jQuery, Flash.

January 2009 – April 2009

Software developer for Hallmark Cards Nederland, a web portal used to create, customize and order greeting cards that are then printed and sent by post mail. I have developed several modules in the administration area and tools used in the postcard generation process.

October 2008 – January 2009

Senior software developer for TOM (Toezicht op Maat). TOM is an application used by Brabantwater to assess the quality of the work done by its contractors in the water connections department. It has a web interface for administration and reporting and a mobile/PDA interface for field operations.

September 2007 – October 2008

Senior software developer for LTVA (Lange Termijn Visie Aansluitingen). LTVA was a pilot project that meant to prepare/explore the upgrade of the planning processes used by Synfra. The project was interconnected through web services with the existing Synfra applications and with two external service providers (GoConnectIT and FasterForward).

The project had 2 phases:

- 6 months at customer location in Netherlands, 's-Hertogenbosch, Tilburg and Arnhem
- 8 months at company's office.

I worked together with 3 colleagues and did both development and management tasks.

October 2006 – September 2007

Senior software developer of [Combiplan](#) and Huisaansluitingen (House connections). Combiplan is a planning software for Synfra, an association of infrastructure companies in the south of Netherlands. [Huisaansluitingen](#) is a web application used to make requests for public utilities (gas, electricity, water, telecom, TV)

There are 3 applications built in ASP .NET.

- I have contributed with code to new modules and massive optimizations (improved code, design patterns, refactorings) to existing modules.
- I have coordinated a team of 4 developers. I have introduced SCRUM as management methodology.
- I have created interview tests for new candidates and I have had interviews with the candidates at technical level.

Build engineer:

- I have introduced in the company Subversion as source control system.
- I have created a build environment where Nant scripts automate 99% of the build for Synfra projects.
- I have organized the repository to accommodate about 10 projects developed in company and setup automated backups, user management, projects.
- I have introduced and managed software releases.

Business analyst:

- I have had discussions with the client side about features they wanted in applications.
- I have created functional documents describing in non-technical terms what the applications would contain.

March 2006 – July 2006

Info World SRL

Software developer

- **ePractice** – a framework developed for the frontend applications of the company. I designed and developed a code generator that uses datasets/SQL 2005 databases to produce C# classes/entities and stored procedures used by the framework. The generator uses XML/XSLT templates. I also developed a Visual Studio Add-in that hosts the code generator, allowing easy integration for the developers.

Technologies used: .NET 2.0, XSLT, Threading, Reflection, VS 2005 Automation, ADO .NET.

May 2005 – February 2006

Schlund+Partner AG Bucharest

Software developer for the QA Department

- **EasyClients** – a suite of applications including an email client, contacts manager – developed for the customers of Schlund+Partner and its partners. My responsibilities were to develop applications to help the automation of testing, unit tests, profiling the application, code review and refactoring.

Tools used: Nant, NUnit, CruiseControl .NET, Subversion, Clover .NET

November 2003 – May 2005

CIMS Software Systems

Software developer

- **CIMS .NET** – A generic, highly customizable tool for the management of complex physical and logistical, infrastructure projects. The software is used mostly in petro chemistry. I was

responsible with the design, implementation and documentation of:

- View Builder: used to create views – collections of tables, relations, indexes;
- DataEntry Manager: used to create data entry forms binded to views;
- Print Manager: a graphical tool used to print documents, data entry forms, reports, automatic revision management;
- License Manager: client and server modules used for access control, license management;
- Copy project: used to copy modules among projects;
- Custom User Controls with data binding support;
- Custom system functions.
- Optimization of several other modules across the project.

Technologies used: Windows Forms, ADO .NET, Reflection, Web Services, Threading, Cryptography, XML, Regex, P/Invoke, SQL 2000.

June 2002 – November 2003 Software developer at Central Library , Academy of Economic Studies (ASE)

IT CERTIFICATIONS

- **Microsoft Certified Professional** – since 2006
<https://mcp.microsoft.com/authenticate/validate/mcp.aspx>
Transcript ID: 732309 Access Code: 97bPCM07mZ4
- **Brainbench** certifications: Had some C#, .NET framework, design patterns certifications taken in 2006 – now expired

IT SKILLS

- **Software development:** Design Patterns, SOLID, OOP, Refactoring, TDD
- **Programming languages:** C# (advanced), Javascript (intermediate), Ruby (beginner), VB.NET/VB6, Windows Scripting
- **Technologies:** .NET 3.5/4.0 technologies: Windows Forms, ADO .NET, Reflection, Web Services, Xml, Xslt, VS Automation, P/Invoke, Directory Services, WMI, Win32Api
- **Frameworks:** ASP.NET MVC/WebAPI, Entity Framework, Castle Project, NHibernate
- **Web programming:** HTML, CSS, JavaScript
- **Databases:** SQL Server 2000/2005/2008: database design, T-SQL, stored procedures
- **Unit testing:** xUnit, NUnit
- **Web test automation:** Watir, Watir
- **Continuous integration:** TeamCity, CruiseControl .NET, Nant
- **Source Control:** Subversion client and server (installation, administration, usage), Git (beginner)
- **Operating systems:**
 - Managing FreeBSD systems + web server (Apache), DNS server (Bind), proxy server (Squid), CIFS file server (Samba), firewall (IPFilter/Ipfw)
 - Managing Windows 2000/XP/7 systems, Windows domains
- **Office:** MS Office (Excel + VBA, Word, PowerPoint)

EDUCATION

2004 – 2006

Academy of Economic Studies (ASE), Bucharest, Master of Science in IT Project Management

1998 – 2002

Academy of Economic Studies (ASE), Bucharest, Management faculty

1993 – 1997

Alexandru Ioan Cuza High-school, Slobozia, Ialomita – Intensive Computer Sciences branch

PERSONAL

Solution oriented, self-taught, easy and quick learning, independent but also team player, thorough, good sense of responsibility, class B driver's license

FOREIGN LANGUAGES

- English – Able to easily understand, write, have a fluent conversation
- French – Able to easily understand, less fluent conversation
- Dutch – basic knowledge

INTERESTS & ACTIVITIES

- Tinkering with computers
- Music: Jimi Hendrix, Vivaldi, Pink Floyd, Nightwish, jazz
- Reading: Sci Fi mostly
- Trekking, biking