Tudor Aurel Turcu

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Nationality	Romanian Blog: http://tudorturcu.wordpress.com
Date of birth	27/01/1977

Objectives
To work in a competitive environment. To increase personal knowledge and skills in computer science related areas, and to contribute with my experience in a team developing interesting and challenging software products which will be useful to a wide range of customers.

Work experience

iQuest Technologies, Cluj-Napoca

Dates	07/03/2011 → present
Occupation or position held	senior software engineer
Main activities and responsibilities	- Senior Software Engineer (C#. .NET Framework 3,5, 4.0, ASP.NET MVC, WCF, Azure etc.) - I developed and contributed as a technical lead in several projects, in the field of automotive industry, healthcare, environment monitoring and banking industry, for various German and US customers - performed code reviews and technical audits for other application developed inside the company

S.C. **Integrated Systems Development Corporation** (ISDC) SRL, Cluj-Napoca

Dates	11/07/2005 → 04/03/2011
Occupation or position held	senior software developer
Main activities and responsibilities	- Senior Developer (**C#, .NET Framework 2.0, 3.5**, ASP.NET 2.0, WinForms, LINQ, MS SQL Server etc.) - I implemented and contributed to the architecture of several large projects using ASP.NET 2.0, ASP.NET MVC and WinForms, using .NET Framework 2.0/3.5, C# 3.0, MS SQL Server 2005/2008, including applications in the field of human resources, education and automotive industry. - I took part at the programming of a web application for the management of various office tasks, called OfficeApp (using C#, .NET Framework 1.1, ASP.NET 1.1, MS SQL Server 2000) - performed code reviews and technical audits for other application developed inside the company - helped and guided junior developers when needed, in various occasions

S.C. IT România ITR SRL Cluj-Napoca

Dates	01/09/2002 - 10/07/2005
Occupation or position held	software developer
Main activities and responsibilities	- I took part at the programming and design of an application in the field of customer relationship management on the web: Sales@Web (using ASP.NET, VB.NET, 4'th Dimension Database Server, IIS Web Server)

S.C. Software Development SRL Cluj-Napoca

Dates	01/07/1999 - 01/09/2002
Occupation or position held	software developer
Main activities and responsibilities	- Programmer (Borland Delphi 4.0-5.0, Borland C++ Builder 4.0-5.0, MS Visual C++ 6.0, MS SQL Server, HTML, InstallShield 5.0) - I took part at the programming of an application in the field of quality assurance and control of pharmaceutical industry for an Italian company (using Delphi 5.0 and MS SQL Server 6.5). Details about the software application called 'Quality Plus' can be found at: (http://www.datacheck.it) - I took part at the analysis and design of an employee presence system using digital fingerprint recognition using Borland C++ Builder 5.0 and MS Visual C++ 6.0.

- another project required the conversion of a MS-SQL 7 database using Visual C++ 6.0 for a major financial corporation (Garban Capital Markets USA, now named ICAP)

- one of the main projects completed in 2001 was an application in the field of computer telephony called GetCall that uses a specialized phone board from Dialogic/Intel.

- I contributed to a large commercial management application for glass manufacturing companies, named Opty-Way Enterprise (see (http://www.optima.it/))

- Other projects: web page design (HTML, JavaScript, CSS), software installation kits using InstallShield Pro. 5.0

Technical skills and competences	Analysis, design and implementation of complex software applications (both rich-client/desktop and web-based), using object-oriented and component-oriented techniques.
	Proven working experience in the latest Microsoft **.NET Framework** technology stack:
	- programming languages: C# (2.0-5.0), VB(.Net)
	- frameworks and libraries: .NET Framework 2.0 - 4.5 (WinForms, ASP.NET, ADO.NET, LINQ, WCF, .NET Remoting, web services etc.), Object/relational mappers (LLBLGen Pro, NHibernate, ActiveRecord.Net), DevExpress
	- IDEs: MS Visual Studio 2005 – 2012
	- Tools:
	- source control and configuration management: SVN, TFS, Git
	- continuous integration: CC.Net, TFS
	- web-related technologies: HTML, XHTML, JavaScript, CSS
	- working experience in delivering applications for Windows Azure
	Using and programming database management systems: MS SQL Server 7.0 - 2008.
	Past experience in Borland languages and technologies: Delphi 5.0-6.0 and Borland C++ Builder 5.0-6.0, VCL, BDE.
	Basic knowledge in the fields:
	- business intelligence, data warehousing
	- Silverlight, JQuery, Windows Phone development
	- Windows Workflow Foundation
	- agile development and project management (including Scrum)

Education and training

'Babeş-Bolyai' University of Cluj-Napoca, Faculty of Mathematics and Computer Science

Dates	01/10/1995 - 01/07/1999
Title of qualification awarded	graduated (license, bachelor) in Computer Science
Principal subjects / occupational skills covered	Computer science and software development: analysis and design of IT systems, using object-oriented and component-oriented techniques, theory and practice of computer systems, programming languages, algorithms, database systems, formal logic, theoretical and applied mathematics, calculus etc.
	- general grade: 9.59 (scale from 1 to 10)
	- bachelor (license) exam. grade: 9.75 (scale from 1 to 10)
	- Graduation thesis: 'Distributed programming using CORBA-like methods'

Computer Science High-School "Tiberiu Popoviciu" of Cluj-Napoca

Dates	01/10/1991 - 01/07/1995
Title of qualification awarded	certified by the Department of Education as: apprentice software annalist, word processing, computer science applied in economy
Principal subjects / occupational skills covered	- science profile, computer science
	- general grade: 8,89 (scale from 1 to 10)
	- bachelor exam. grade: 9,52 (scale from 1 to 10)

Theoretical High-School (Natural Science) nmb. 4 (now "Onisifor Ghibu") of Cluj-Napoca

Dates	01/10/1983 - 01/07/1991
Principal subjects / occupational skills covered	primary school and gymnasium

Foreign Languages

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C2 Proficient user	C2 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
French	B2 Independent user	C1 Proficient user	B2 Independent user	B2 Independent user	B1 Independent user

(*) Common European Framework of Reference (CEF) level

Personal skills and competences

- attention to customer needs and opinions
- hard-working and attentive to details
- passionate about quality
- team player
- always ready to help other people

Artistic skills and competences	Photography (hobby).
Driving license(s)	- B

Professional accomplishments

- **MCPD** (Microsoft Certified Professional Developer) - Web Developer 4, Windows Azure Developer (cert id: 7973620),

- Brainbench certificates in C#, .NET Framework, Visual Basic .NET, ADO.NET and ASP.NET (all master level)

- I gave several presentations and helped in organizing the Cluj-Napoca branch of RONUA (Romanian .Net Users Association: http://www.ronua.ro).
In 2008 I was invited to collaborate with Microsoft Romania as MS Community Influencer

- Articles published in "Fractalia" magazine (fractal theory)

- Stage during 2 weeks (1996) at Research and Development Dept. of "Siemens-Nixdorf" Company, Namur, Belgium to study new IT fields, with partial sponsorship from "Soros" Foundation for an Open Society, Cluj-Napoca branch, Romania

- Scholarships during every semester during university

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