

## ABOUT ME

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I am a pragmatic software engineer, who loves C#/.NET and good architecture and design patterns. I try to constantly keep up to date with the latest technologies by attending tech meet-ups and conferences. I contribute to a range of open source projects and often work on other projects, some of which are used by many people worldwide. I maintain a blog where I publish software engineering articles, some of which are featured on webs sites such as MSDN and ASP.NET.

## SOFTWARE ENGINEERING PROFILE

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<b>Programming Languages:</b>	C#, JavaScript, C, Java, PHP, Python, SQL, XSLT, Intel x86 Assembly, Regular Expressions
<b>Frontend:</b>	ASP.NET MVC, JavaScript, HTML, CSS, jQuery, Dojo, KnockoutJS, WinForms
<b>Backend:</b>	NHibernate, Fluent NHibernate, Entity Framework, LINQ, SQL Server, Lucene.NET, .NET Linux (Mono)
<b>Cross-Cutting:</b>	ELMAH, Ninject, Castle Windsor, PostSharp
<b>Testing:</b>	NUnit, MSTest, Moq, SpecFlow
<b>Source Control:</b>	Git, Mercurial, Rational TeamConcert, Subversion(SVN)
<b>Platforms:</b>	Windows, Linux, Cygwin
<b>Methodologies:</b>	OOP, UML, Test-Driven Development (TDD), Behaviour-Driven Development (BDD), Aspect Oriented Programming (AOP), Agile Development, Design Patterns, Refactoring
<b>Certifications:</b>	

## PROFESSIONAL EXPERIENCE

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03.2010 – present	<b>Software Engineer, IBM</b>
01.2011 – present	<i>Software Engineer – Information Management</i> Designed and developed a multi-layer JavaScript-heavy Information Management web application using the Dojo Framework, Java REST interface and IBM InfoSphere Master Data Management Server. Successfully collaborated with remote teams in India, Canada and USA. Architected and developed a cross-department internal education sharing web tool.
03.2010 – 01.2011	<i>System Engineer – Systems Group</i> Dynamic role which involved development, test and team leading as part of the Systems and Technology Group working on the IBM SAN Volume Controller (SVC) product. Successfully lead and managed a team of 12 testers through a very challenging test phase. Organized and participated in cross-departmental activities, education events, patent groups and internal software development projects.
09.2008 – 01.2010	<b>MSc .NET Distributed Systems Development, University of Hull</b> UK: 1 <sup>st</sup> (Distinction); US: GPA 4.0 – Graduated with honours and award for best performance

- 01.2008 – 12.2008 **Software Engineer, Novell**  
 Designed, developed, prioritized tasks and maintained many parts of the .NET class library implementation of Mono, which implements the C# compiler and .NET Framework for Mac OS X, Linux, Android, iPhone and game.
- 05.2007 – 09.2007 **Software Developer Student Program, Google**  
 Architected, developed and tested a C# .NET framework for building user interface design tools and also a WinForms GUI designer as part of Google's Summer of Code student program.  
 "Working with you has been a pleasure. As a student you are incredibly well organized." – Miguel De Icaza, Mentor.
- 09.2005 – 07.2008 **BSc Software Engineering, University of Hull**  
 UK: 1<sup>st</sup> (First Class); US: GPA 4.0 – Graduated with honours and award for distinguished academic achievements.
- 06.2004 – 09.2004 **Software Protection Analyst Intern, Securax**  
 Analysed the strength of software protection systems available on the market by utilizing reverse-engineering techniques and developing tools in C, C++ and x86 Assembly.

## PROJECTS

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In my spare time I often work on projects to explore the latest technologies and best practices. Some of those are public:

**Triply.net** – Triply is a Web 2.0 app which lets users quickly create and share their trips, experiences and days out in three simple steps using their existing Foursquare and Facebook Places check-ins and comments. Technologies: C#, ASP.NET MVC, Entity Framework, ELMAH, jQuery, jQuery UI

**PicasaWeb Uploader** – A simple WinForms tool that integrates into Windows and lets users upload quickly and easily their photos and albums to Google Picasa Web. Hosted at GitHub.

### Open Source Projects

I tend to contribute to various open source projects. An incomplete list of projects you can find my work in:

NHibernate, Fluent NHibernate, Mono Project, Linux Kernel (Apple iSight driver), Audacious, GNOME Linux Desktop, F-Spot, Banshee, openSUSE Linux Distribution.

## CERTIFICATIONS

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Microsoft Certified Professional (MCP)	Microsoft
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## AWARDS

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Google Summer of Code program recognition award	Google
Microsoft Imagine Cup Finalist UK Award	Microsoft
Most helpful and supportive developer at the event award	dev4good

## CONFERENCE TALKS (GIVEN)

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"Development and Deployment of .NET Software on Linux" – Ivan Zlatev	Linux Conference, Sofia, Bulgaria
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