

SOFTWARE ENGINEERING PROFILE

Programming Languages: C#, C, C++, Python, SQL, XML, XSLT, x86 Assembly, RegEx, RPM, XHTML, CSS


Technologies: .NET Framework, WinForms, ASP.NET, ASP.NET MVC, LINQ, SQL Server 2008, NUnit, NHibernate, .NET Linux (Mono)

Platforms: Windows, Linux, Windows Mobile, Cygwin

Methodologies: OOP, UML, Design Patterns, Refactoring, Unit Testing, Test-Driven Development, Microsoft Solutions Framework (MSF), Component Based Architectures, Distributed Systems

Tools: Visual Studio Team System, Subversion (SVN), Git, Bugzilla, CodeRush, SlickEdit, GNU

Languages: English, German, Russian, Bulgarian

Certifications: 

PROFESSIONAL EXPERIENCE

- 03.2010 – present **Software Developer, IBM**
- 09.2008 – 01.2010 **MSc .NET Distributed Systems Development, University of Hull**
UK: 1st (Distinction); US: GPA 4.0
- 01.2008 – 12.2008 **Software Engineer, Novell**
Responsible for the design, test-driven C# development and maintenance of the .NET WinForms, Data Binding and Design-Time frameworks for the cross-platform Novell Mono product which delivers the .NET Framework to Apple OS X, Linux, game consoles and portable devices (e.g. iPhone). Part of a team of twenty developers.
Worked to resolve customer issues and performed analysis in order to prioritize the development tasks.
- 05.2007 – 09.2007 **Software Developer, Google**
Architected, developed and tested a C# .NET framework for building user interface design tools and also a proof of concept WinForms GUI designer as part of Google's Summer of Code student programme.
"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: 1st (First Class); US: GPA 4.0

06.2004 – 09.2004 **Software Protection Analyst Intern, Securax**

Responsible for analyzing the strength of software protection systems available on the market by utilizing reverse-engineering techniques and developing tools in C, C++ and x86 Assembly.

OTHER EXPERIENCE

Present **Personal Projects**

In my spare time I often work on personal projects in order to explore the latest technologies and best practices.

2008 **Linux Kernel**

Implemented in C a kernel module/driver for the Apple iSight webcam.

Collaborated with the developers of the uvcvideo kernel module to achieve integration of the driver in the mainline kernel.

2007 - 2008 **GNOME Linux Desktop Environment**

Participated as a C# and C developer in multiple open source projects of various desktop Linux applications such as Brasero (disk burning), F-Spot (photo management), Banshee (music library management), file-browser-applet, gnome-main-menu and more.

2007 - 2008 **OpenSUSE Linux Distribution**

Collaborated in a distributed team to package and test software products for the openSUSE Linux distribution.

CERTIFICATIONS

2009 - present Microsoft Certified Professional (MCP) Microsoft

HONORS AND AWARDS

2010	Award for the best performance at the MSc level for 2008/2009	BCS (British Computer Society)
2009	Distinction for the MSc .NET Distributed Systems results	University of Hull
2008	Honors for the First Class mark (BSc Software Engineering)	University of Hull
2007	Google Summer of Code program recognition award	Google
2006	Microsoft Imagine Cup Finalist UK	Microsoft
2005 – 2007	“Sir Roy Marshal” award in recognition of outstanding academic achievement and distinguished ability. University of Hull.	University of Hull

CONFERENCES

07.2008 “Development and Deployment of .NET Software on Linux, Ivan Zlatev” – Linux Conference, Sofia, Bulgaria

INTERESTS AND ACTIVITIES

Travelling and tourism, snowboarding, attending conferences, preparation for IT Certifications.