

## Ivan Kirov

Software Engineer, Software University

### SUMMARY

Enthusiastic young software engineer with development experience with the Microsoft .NET platform (C#, ASP.NET, Windows Forms, SQL Server) and basic knowledge of most other major languages. Strong analytical thinking.

### SKILLS

<i>Languages</i>	C#, SQL, T-SQL; Basic knowledge in C, Pascal, C++, JavaScript
<i>Operating Systems</i>	Windows 2000/XP/2003
<i>Software Technologies</i>	Microsoft .NET Framework and related technologies – C#, ADO.NET, LINQ, LINQ to SQL, Windows Forms, WPF, Silverlight, ASP.NET, ASP.NET AJAX, Web services Database access – SQL, T-SQL, ADO.NET, stored procedures Web sites and client-side scripting – HTML, DHTML, CSS, JavaScript Web programming – ASP.NET, AJAX, Silverlight Internet protocols – TCP/IP, HTTP, SMTP, POP3 Distributed applications – Web services XML programming – DOM, SAX, DTD, XSchema, XPath, XSL/XSLT Application Servers – MS Internet Information Server (IIS) Object-oriented programming and modeling Client-server technologies Distributed systems and multi-tier architectures Multithreading and thread synchronization Internet technologies, Web programming, Networking Database access and database design (E/R diagrams) Operating systems – Windows Software engineering
<i>Development Tools</i>	.NET related – Microsoft Visual Studio .NET, MS Visual Studio Database programming – SQL Server Management Studio Source control repositories – Microsoft Visual SourceSafe, Visual Studio Team System, Subversion
<i>Databases</i>	Microsoft SQL Server

### SOFTWARE DEVELOPMENT EXPERIENCE

<b>Software Engineer</b>	03/2008 – 08/2008
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#### eVenues.com - a Marketplace for Space

- **Description** An ASP.NET solution that connects people who want to provide space (meeting room, educational room, etc.) for renting with potential renters. The system incorporates payment with USAePay and ACH transactions. It allows publishing spaces anywhere in the United States. For address verification the Google Maps API is used. It pinpoints a certain location with longitude and latitude, which allows a detailed map of the area to be shown later. The project has email notifications module, which runs as separate application (Windows service).
- **Customer:** Cameo Media – <http://www.cameo.com>
- **Employer:** National Academy for Software Development – <http://academy.devbg.org>
- **Technologies:** C#, ASP.NET, ASP.NET AJAX, LINQ to SQL, RSS, MS Build, AJAX Control Toolkit, JavaScript, DHTML, SMTP, CSS

### COURSES DEVELOPMENT

<b>Creating teaching materials (lectures, demonstrations, exercises)</b>	03/2008 – 06/2008
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#### WPF lectures

- Layout in WPF
- WPF Controls
- Handling User Input
- Simple Data Binding
- Binding Lists
- Styles in WPF
- Triggers in WPF
- Control Templates
- Windows and Dialogs
- Pages and Navigation
- WPF Resources
- XAML Graphics
- Using Text

- XPS Documents and Printing
- Animation
- Using 3D Graphics in WPF
- Creating Custom WPF Controls
- Multithreading in WPF

#### **Silverlight lectures**

- XAML Basics
- Silverlight 2D Graphics
- Microsoft Expression Blend
- Using JavaScript code in Silverlight
- Managed .NET Code in Silverlight – Basics
- Managed .NET Code in Silverlight – Advanced Techniques
- Silverlight Animations
- Interaction with the User
- Playing Audio and Video

#### **TEACHING COURSES**

**Introduction to Programming with C#**

05/2008 – 08/2008

#### **EDUCATION**

**Technical University of Sofia**

2004 – 2008

#### ***Sofia, Bulgaria***

- B. Sc. in Computer Systems and Technology – due in 2008