



# ANDRIY BUDAY

- Software Developer
- Technical Leader

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I am a Software Developer who loves to write high quality code that stands out and truly helps businesses and organisations in achieving their goals.

I've been designing and implementing .net solutions for almost 8 years. In the course of these years, I created software for healthcare, entertainment, and nuclear energy industries. I also had a chance to lead software development teams and work under the supervision of MS MVP and other very experienced leaders.

My commitment and eagerness for completion of my projects makes me a valuable asset on a software development team. You can find me online: <http://andriybuday.com/> or follow me on twitter: [@andriybuday](https://twitter.com/andriybuday).

## PROFESSIONAL SKILLS

|                                 |  |
|---------------------------------|--|
| <b>Languages</b>                | English (fluent), German (basic), Russian (proficient), Ukrainian (native) |
| <b>Programming technologies</b> | .NET   |
| <b>Programming languages</b>    | C#, JavaScript, T-SQL  |
| <b>Desktop and mobile</b>       | Windows Forms, WPF, WP7, .NET CF   |
| <b>Web</b>                      | Ember.js, ASP.NET, WCF, ASMX, REST, IIS, HTML, CSS, XML, JSON              |
| <b>Database and data access</b> | MS SQL Server, MS Access, ADO.NET, Entity Framework, NHibernate            |
| <b>IoC and unit testing</b>     | Autofac, Unity, NUnit, MSTest, RhinoMocks, NCover, TDD, Load Testing       |
| <b>Development environments</b> | MS Visual Studio, Resharper, Sublime Text, TFS, Subversion, Git            |
| <b>Secondary skills</b>         | C++, Java, Silverlight, MSBuild, NAnt, Jenkins, Windows Security, AD       |

## WORK EXPERIENCE

IAEA (UN) via Zensar Technologies Ltd, Austria, Vienna

Jul 2013 – Present

### Contractor Software Developer

The aim of this project was to develop an offline-capable web application, in a highly secure environment for the International Atomic Energy Agency (IAEA). The application is used to record all kinds of activities the IAEA inspectors perform at atomic facilities across the world. The application was written from scratch in scope of major migration from the legacy system. The IAEA also needed a desktop intranet application. I was involved in all areas of development, deployment, and coordination of the progress with management.

- Implemented business specific workflow operations and calculations at the backend.
- Implemented the queue (MSMQ) based processing of data that also includes updating web client with the progress.
- Helped in the implementation of offline capability, using HTML5 and browser's local storage.
- Implemented numerous parts of the client using Ember.js, Bootstrap and Handlebars.
- Implemented hundreds of business validation rules in JavaScript that can be run on .NET backend using Jurassic and Edge.js.
- Improved automated tests using the Selenium framework and provided kick off support for the QA team working on it.
- Wrote supportive application that periodically exports data into excel files.
- Helped in leading a team of four developers.
- Implemented few frontend features using WPF.
- Created gated CI builds in TFS and established code quality standards.
- Restructured VS solution and project architecture for simplicity.
- Solely worked on all aspects of prototype project for four months.
- Provided few official presentations (50 people) to the users and upper management.

## Software Developer

Bwin.party is an online betting company. I worked in the company's sports branch, with a team responsible for backend services. Scalability and performance were the top most requirements. Most services were exposed through REST API; they had to be available 24/7 and withstand extreme loads during championship events.

- Designed, implemented, and launched a new sports statistics system. This system imported data from an external FTP location and made it available on our website through AppFabric Cache.
- Implemented a high load system, providing bets status and history information. Service was designed to handle 7,000 requests/sec.
- Fixed a serious performance problem in the site's search engine that allowed re-launching the feature. This feature presently counts for 10-20% of all bets placed on the sports site.
- Created a prototype for exposing betting data via OData protocol.
- Extended and improved many other services, with my team maintaining around 40 of them.
- Achieved 100% code coverage for one of the systems, wherein only one bug was found after I handed it over for testing.

## Technical Leader, Software Developer

A leading US-based company, which provides healthcare information technology solutions, required a whole range of software products. SoftServe is one of the company's main outsourcing partners. One of the projects was a Windows Phone 7 application that provided a subset of functionality available for hospital staff working in the field. My role was to lead the development team for this project as well for two smaller projects. The company also needed a complex distributed system. I worked on a few new services that were supposed to be part of Service Oriented Architecture. SoftServe was also maintaining a large desktop monolithic application managing a comprehensive range of data for running a healthcare provider.

- Together with another Senior Developer, I led a team of eight developers.
- Worked closely with the management and the client to ensure successful implementation of the project.
- Ensured that SCRUM practice was working for the team and monitored code quality standards.
- Drove many requirement-gathering meetings with our client.
- Implemented a custom ORM to bridge legacy system with some of the application functionality.
- Led two developers for an enhancement project.
- Led one junior developer for a notification system project.
- Provided technical presentations on technologies used in the project (NHibernate, StructureMap, WCF, MEF).
- Created a few assessment forms using WinForms controls hosted in Delphi UI. Accessed data using plain ADO.NET.
- Implemented logic that parsed client UI and assigned help topics to specific WinForms and Delphi UI controls.
- Assisted in the implementation of a windows service that exports medical records to external system.
- Identified and fixed software bugs.
- Was awarded the "Best Rookie Developer of 2008".

## Blogger, Author, Speaker, Writer

Writing a blog helped me to become a better programmer. Most of my posts are software-development related. I've written a free e-book on design patterns for the Ukrainian developer community. This book is quite popular among starting software developers in Ukraine. I frequently spoke at user group events.

- Blog Url: <http://andriybuday.com>
- Book Url: <http://designpatterns.andriybuday.com> (in Ukrainian)
- Stack Overflow: <http://stackoverflow.com/users/232881/andriy-buday>

## EDUCATION

MSc in Applied Mathematics and Informatics, Ivan Franko National University, Ukraine, Lviv, 2010

- Diploma with distinction.

## CERTIFICATES

- Microsoft Certified Technology Specialist (in ASP.NET, ADO.NET, WCF, and Windows Forms)
- Microsoft Certified Professional Developer (Enterprise Application Developer)

[MCP Transcript](#) (Transcript ID: 904316, Access Code: andriybuday)