ANDRIY BUDAY Software Developer | Technical Leader

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I have a passion for writing quality code that makes impact and truly helps businesses and organisations in achieving their goals. In the course of 8 years, I have created software for healthcare, entertainment, and nuclear energy industries.

Spoken Languages	English (fluent), German (basic), Russian (proficient), Ukrainian (native)
Technologies and frameworks	.NET, ASP.NET, WCF, EmberJS
Programming languages	C# (expert), JavaScript (proficient), SQL (proficient), C++ (basic), Java (basic)
Web, Desktop, Mobile, Database	EmberJS, ASP.NET, WCF, ASMX, REST, IIS, HTML, CSS, XML, JSON, Bootstrap WinForms, WPF, WP7, .NET CF, MS SQL Server, MS Access, ADO.NET, EF, NHibernate
Other skills	Autofac, Unity, NUnit, MSTest, Rhino, NCover, TDD, Load Testing, QUnit, Selenium, MSBuild, NAnt, Jenkins, Windows Security, MSMQ, Tibco, MS VS, Atom, TFS, SVN, Git

Software Developer – IAEA (UN) via Zensar Technologies Ltd, Austria, Vienna   Jul 2013 – Present

The IAEA seeks to promote peaceful use of nuclear energy. I work in the department of Safeguards where security is the top most requirement. My team has created an offline capable web application as well as a desktop intranet application.

- Implemented numerous parts of the web client using Ember.js, HTML5, Bootstrap, Handlebars, and many small libraries.
- Implemented hundreds of business validation rules in JavaScript that can be run on .NET backend using Jurassic and created the queue (MSMQ) based processing of data. This was vital for meeting the project's tight deadline.
- Designed and implemented an application with web interface that periodically exports data across two networks. This system improved data quality and increased processing efficiency saving time for the organization.
- Created gated CI builds in TFS and established code quality standards using FxCop, NDepend, NCover, Selenium.
- Implemented a prototype for a system improving reporting of sealing activities. Provided official presentations on the prototype to the users and upper management. As a result, the system is in active development phase.

Software Developer – Bwin.Party Digital Entertainment Plc, Austria, Vienna   Feb 2012 – Jul 2013

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 an 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 issue in the site's search engine that allowed re-launching the feature. This feature presently accounts for 10-20% of all bets placed on the sports site.
- Extended and improved many other services, with my team maintaining around 40 such services.
- Achieved 100% code coverage for one of the systems, wherein only a single bug was found after testing.

Technical Leader, Software Developer – SoftServe Inc, Ukraine, Lviv   Apr 2008 – Dec 2011

SoftServe is a Ukrainian outsourcing company. I worked in teams for a US company that provides healthcare information technology solutions. One of the projects was a Windows Phone application. My role was to lead the development team.

- Together with another Senior Developer, I led a team of eight developers and two micro teams (one and two developers).
- Ensured that SCRUM practice was working for the team and monitored code quality standards.
- Implemented a custom ORM to bridge a legacy system with a part of the new application's functionality.
- Provided technical presentations on technologies used in the project (NHibernate, StructureMap, WCF, MEF).
- Was awarded the "Best Rookie Developer of 2008".

Blogger, Author, Speaker, Writer – Developer Community   2009 – Present

Writing a blog made me a better programmer. I've written a free e-book on design patterns (designpatterns.andriybuday.com), which is popular among beginner software developers in Ukraine. I frequently spoke at user group events.

Computer Science Student – Ivan Franko National University, Ukraine   2005 – 2010

M. Sc. in Applied Mathematics and Informatics. Diploma with distinction. Thesis in the field of neural networks. I took part and won few stages of ACM competition.

Certificates

Microsoft Certified Professional Developer (Enterprise Application Developer). MCTS in ASP.NET, ADO.NET, WCF, and WinForms.

A qualified software development professional with rich industry experience and a proven track record of performance capable of working in diverse teams in a global development model.