

Pavlo Lissov

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Software developer with 9 years of experience in C# .Net and strong mathematical background looking for a Middle/Senior developer position. I consider myself to be a bright and analytical person able to find an efficient solution for any complex problem. I have graduated from my country's top ranked University with Master's degree and have PhD in technical sciences.

SUMMARY

Programming languages

- Senior: C# (WPF, WCF)
- Middle: ASP.Net, F#, SQL
- Basic: Java, JavaScript, UML, HTML, Ember.js, C++, XML

Software tools: MS Visual Studio, Eclipse.

Technologies: .Net, WPF, WCF, Multithreading, Web-services.

Databases: MS SQL, Oracle.

Methodologies: Agile, SCRUM, eXtreme Programming, Test Driven Development, Unit Testing.

Other

- RWR+ card (Austrian work permit)
- Fluent English (IELTS band score 8.0)
- Basic German
- Native Ukrainian and Russian

EDUCATION

PhD in technical sciences

2011

"Modeling complex for research of human hemodynamic under atmosphere pressure changes". Medical and biological informatics and cybernetics.

MSc in Applied Mathematics

2002 – 2008

National Technical University of Ukraine "KPI", Faculty of Applied Mathematics

Diploma with distinction.

Professional courses and exams

2008

M2349: Programming With The Microsoft .Net Framework (Microsoft Visual C# .Net)

Microsoft Certified Professional: Exam 70-536, TS: Microsoft .Net Framework – Application Developer Foundation.



.Net Framework 2.0
Application Developer Foundation

WORKING EXPERIENCE

International Atomic Energy Agency (United Nations)

October 2013 – now

Software developer, contractor

Safeguards IT department, FAR (Field Activity Report) team. Main responsibilities:

- Design and development of backend service on C# (WCF, SQL).
- Development of desktop client (C#, WPF).
- Development of web client (HTML5, Ember.js).

Bwin.Party digital entertainment (Austria)

September 2012 – October 2013

Software developer

Sports IT, Core Trading Services. Main responsibilities:

- Creation of odds calculation services using C# (WCF, Windows Service).
- Creation of sports models with F#.
- Models development and optimization for high performance.
- Creation of tools for testing and monitoring (C#, WPF).
- Investigation of production problems.

UBS Investment Bank (Luxoft-Ukraine)

March 2009 – August 2012

C#.Net developer

Project SABRE - Swaps accounting system for Equities IT, UBS IB, London.

- Client side delivered using WPF with Visual Studio 2008. (C#, MVVM, WPF, multithreading).
- Calculation Engine incorporates highly robust and scalable domain-driven, object-oriented design for being able to process all global trading activities for Investment bank (WCF, Windows Service, Multithreading).
- Responsible for development of custom data presentation controls and mechanisms.
- Code was developed with focus on efficient usage of design patterns.
- Development and enhancement of stored procedures for data access and reports building on Oracle 10g/11g.
- Supported full development lifecycle from requirements gathering through design, development, multiple levels of testing, up to deployment.
- Work was performed in SCRUM teams in close cooperation with business-analysts, developers and testers from England, USA and India.

Institute of Software Systems

March 2004 – August 2012

National Science Academy of Ukraine

Engineer-programmer

Modeling of interconnected physiological systems of human body.

- I performed scientific research regarding mathematical modelling, that resulted in PhD in technical sciences and 10 scientific publications.
- I was responsible for full lifecycle of software complex that provides a platform for simulations using interconnected mathematical models.
- Complex is implemented on C# 3.5 using WPF with Visual Studio 2010.
- Software demanded memory and speed optimisations with parallel computations.
- Created the software for multithreaded simulations on supercomputer (C++, MPICH).
- Invented some tricks for simulations optimization and created special views for results representation.

Metasoft (De Novo from January 2009)

October 2006 – February 2009

C# developer, Team Leader

Retail banking system “MS-Retail” (2007 – 2009)

- Development of client part of application using Windows Forms, DevExpress, Web-services.
- Design and development of user controls and data presentations mechanisms, writing technical documentation for them.
- Development of server-side (Java) and database (MS SQL and Oracle).
- Creation of UML class diagrams in Rational Rose for code generation.
- Development of document management subsystem.

Information management system for private clinics “Metaclinic” (2006 – 2007). The same responsibilities as for MsRetail above, plus:

- Leading a team up to 4 developers.
- Development of workflow engine for banking operations.
- Creation of unit-tests using NUnit and MS Visual studio 2005.
- Development of internet-client using ASP.Net + IIS.

Encrypted financial reporting system “Unis-Info” (June-August 2007):

- Creation and development of GUI on C++, Windows Forms.
- Development and debug of cryptography algorithms.
- Creation of e-mail processing subsystem.

Freelance project for “Style-S Regions” (TV advertisement company)

2007

Software developer

Distributed advertisement airing software, currently used on “UT-1”, “Inter”, “Novy” channels.

- I was responsible for gathering and documenting of technical requirements, project planning, development, installation, user training and production support.
- Distributed software for blocks planning, compilation and airing was implemented on Delphi using Sockets and Windows Forms.
- Special software unit was created for controlling external video airing hardware using C++ (COM-port interactions, audio analysis).
- Project was successfully installed and currently is working on UT-1 (ukrainian national television channel) network.