

# OLEG LEBEDEV

## Lead Software Engineer

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### Passionate Software Developer creating modern and responsive applications for Desktop and Web

Performance driven professional with several years international experience. Demonstrates in-depth expertise in all aspects of software engineering, design, development and maintenance within multiple diverse industries such as Scientific Research, Health Care, Financial Services and Banking. Expertly creates and implements innovative technology solutions. Will add value from the start to any organization where leadership, strategic vision and drive are key determinants for success in a Lead Software Development role. Proud US citizen focused on relocating to a new opportunity in Southern California.

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#### TECHNICAL SKILLS

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- Platforms: **MS Windows 10/8/7/Vista/XP/2000/9x, Windows Servers**, MS-DOS and Unix/Linux
- Technology: **WPF, ASP.NET Web API, WinForms, .NET Framework, MVVM/MVC, LINQ, ADO.NET, EF, WCF, UWP, Xamarin, .NET Standard, WSH, Silverlight, OOP, ActiveX and Win32 API**
- Languages: **Visual C#, XAML, SQL, VB.NET, VBA, VBScript, JavaScript, F#, PowerShell and PHP**
- Databases: **MS SQL Server, MySQL, Oracle, MS Access, MS FoxPro, Borland Paradox and dBase**
- Web: **HTML5, CSS, HTTP/HTTPS, REST, XML, JSON, jQuery, DOM, DHTML, XHTML and IIS**
- MS Office: **C# Word Automation and VBA programming in Word, Excel, Access and PowerPoint**
- Graphics: **WPF Graphics, WPF Animation, Adobe Creative Suite and ACDSee Ultimate**
- Tools: **MS Visual Studio, MS SQL Server Management Studio and WordPress**

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#### PROFESSIONAL EXPERIENCE

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**Lead Software Engineer**  
**Western Services Corporation, Frederick MD**

Nov 2006 – present

[www.ws-corp.com](http://www.ws-corp.com)

Recognition of achievement for outstanding work performance. Provide strong leadership during execution of all aspects of analysis and design, development and implementation, maintenance and support of software applications for power plant simulation systems. Serve as principal architect and developer of three key WSC, Inc. products with company copyrights namely 3KEYSAFE™, 3KEYWEB™ and 3KEYCATALOG™.

#### PROJECT: WSC 3KEYSAFE™ CMS

- Drove development of a major multi-user client/server Configuration Management System for simulator projects and achieved all objectives and deliverables on time.
- Identified and designed key project components such as Documents management, Assumptions, Malfunctions, Systems and Objects management, Import/Export section, Graphics module, Design Specification and Reports generation, Users management, Database administration and Help system.

- Ensured 3KEYSAFE effectively utilized RDBMS MS SQL Server to efficiently archive, track and query data and achieved full control of all stages of power plant simulator development.
- Implemented **WPF Application** 3KEYSAFE effectively utilized leading edge technology:
  - ◇ *Client:* **XAML, Visual C# 7/6, LINQ, SQL, ADO.NET 4.0, C# Word Automation, .NET Framework 4.7/4.6 and .NET Core 2.1 under MS Windows 10/8.1**
  - ◇ *Database Server:* **Transact-SQL, .NET Framework 4.5, MS SQL Server 2017 and SQL Server 2016 under MS Windows 10 and Windows Server 2012 R2**
  - ◇ *Graphics:* **WPF Graphics and WPF Animation**
  - ◇ *Development Tools:* **MS Visual Studio 2017/2015 and MS SQL Server Management Studio**

#### PROJECT: WSC 3KEYWEB™ Application

- Served as architect and key developer of Web Configuration and Equipment Management System.
- Expedited all aspects of systems activity in development environment used to create system models for Nuclear, Fossil and Hydro Power Plant Training Simulators and crafted Simulation Design Specifications during simulation development stages.
- Designed three-tier multi-user Web Application including Client (Front End), Server (Middle Tier) and Data Tier (Back End Database) and achieved flawless operational performance.
- Developed Online Web Help System using HTML5 and JavaScript.
- Successfully implemented **Web API Application** 3KEYWEB using modern software technology:
  - ◇ *Client:* **Silverlight 5, XAML, HTML5, JavaScript, AutomationFactory and late binding**
  - ◇ *Web Server:* **LINQ, SQL, .NET Framework 4.7, ASP.NET Web API 2, EF 5.0 and ADO.NET**
  - ◇ *Client/Server:* **MS LightSwitch, HTTP, Visual C# 5 2012 and async/await Tasks**
  - ◇ *Data Tier:* **MS SQL Server 2014 and SQL Server 2012**
  - ◇ *OS/IIS:* **MS Windows 10, Windows Server 2016 and IIS 10/8.5**

#### PROJECT: WSC 3KEYCATALOG™ Application

- Successfully designed and developed client/server Equipment Catalog application to manage Simulator objects and achieved seamless operational performance.
- Created a system to retain data such as valves, pumps and pipes and executed data entry, verification, modification, analysis and export resulting in significantly improved efficiency and productivity.
- Effectively implemented 3KEYCATALOG, a **WinForms Application** using software technology such as:
  - ◇ *Client:* **Visual C# 2007/2005, T-SQL, .NET Framework 3.0/2.0 and ADO.NET 2.0**
  - ◇ *Database Server:* **SQL Server 2005 (Stored procedures, UDF and Triggers) and Oracle 10g XE**
  - ◇ *Development Tools:* **MS Visual Studio 2008/2005, MS SQL Server Management Studio 9.0 and Oracle SQL Developer 1.5 under MS Windows 7/Vista/XP**

**Software Developer Analyst**  
**HealthGene Corp., Toronto**

Jun 2003 – Oct 2006  
[www.healthgene.com](http://www.healthgene.com)

Managed all aspects of analysis, development, implementation and maintenance of software for animal and human DNA Laboratories and Company website.

#### PROJECT: HealthGene Project

- Proactively developed three-tier HealthGene Molecular Diagnostic and Research web application.

- Significantly improved order processing for animal DNA samples and submission, monitored Back End Database, managed customers and employees, created detailed financial reports, expedited printout management system and achieved efficiency through collaboration with colleagues.
- Successfully implemented **WIMP Application** with Solution Stack comprised of:
  - ◇ *OS:* Windows XP Pro
  - ◇ *Web Server:* Internet Information Services IIS 5.1
  - ◇ *Database:* MySQL 5.0 (Stored Procedures, Triggers and Views), MySQL 4.1 and 4.0
  - ◇ *Language:* PHP 5 and PHP 4

**Senior Software Developer**  
MolCom, Toronto

Jul 2001 – Jun 2003

**PROJECT: LVideo Project**

- Independently developed Video Store Database Management application from concept to completion and achieved flawless operation.
- Expertly implemented LVideo Project, a **VBA Application** with the following technology:
  - ◇ *Front End:* Visual Basic for Applications (VBA), OLE Automation and MS Access 2002
  - ◇ *Back End:* MS SQL Server 2000 (8.0)
  - ◇ *Project type & OS:* Access Data Project (ADP) under MS Windows XP/2000
  - ◇ *Implementation:* MS Office XP Dev, Win32 API, VBScript (WSH) and Adobe Photoshop 7.0/6.0

**Senior Software Programmer**  
EffectCredit Joint-Stock Bank, Moscow

Jul 1995 – Jun 2001

- **PROJECT:** Developed **Currency Exchange Office Application**
  - ◇ *Implementation:* Visual Basic 6/5/4, ActiveX and MS Access 2000/97 under Windows 98/95
- **PROJECT:** Effectively developed **Stock Certificate Printout Application**
  - ◇ *Implementation:* FoxPro 2.5 under MS-DOS 6.00

**Software Engineer**  
Dynamic Soviet-British Joint Venture, Moscow

Jan 1991 – Jul 1995

- **PROJECT:** Proactively developed **Export-Import Transaction Registration System**
  - ◇ *Implementation:* Borland PAL Paradox 3.0, Lexicon and NU under MS-DOS 6/5
- **PROJECT:** Devised and developed **Payroll Management Accounting Application**
  - ◇ *Implementation:* Turbo C 2.0, Paradox 3.0, Multi-Edit and NU under MS-DOS 5.0

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**EDUCATION & PROFESSIONAL AFFILIATIONS**

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- **Post Graduate Certificate in Computer Systems Software**  
National Research Center "Kurchatov Institute", Moscow <http://eng.nrcki.ru>
- **M.Sc. in Mathematics & Computer Science**  
National Research Nuclear University MEPhI, Moscow [www.mephi.ru/eng](http://www.mephi.ru/eng)
- **Member**, Association of Information Technology Professionals (AITP) [www.aitp.org](http://www.aitp.org)
- **Member**, San Diego .Net User Group [www.sandiegodotnet.com](http://www.sandiegodotnet.com)