

Andrew. Levantsov

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OBJECTIVE:

Technical leader, senior software engineer.

SUMMARY:

Working experience for a period after graduating from institute includes:

- desktop application (C++, Borland, MSVC)
- database programming (Oracle, MS SQL, MySQL, Interbase, Paradox, DBase, Clarion)
- GIS (MapInfo, MapBasic), construction of surfaces and contour lines (Surfer, GS Scripiter)
- STL, boost, Windows API, OLE Automation (Borland)
- Win-sockets
- Design patterns, UML
- graphical representation of data (Delphi, C++Builder)
- versioning (SVN, CVS, VSS)
- bug tracking (Mantis, Trak)
- help systems (RoboHelp)
- reports (Crystal Design)

EXPERIENCE:

03/2009 – 12/2011

Luxury software, Warsaw , Poland. Software development company.

Senior software engineer.

Projects: The MK 106

The project is a plug-in for the Microsoft Internet Security and Acceleration (MS ISA) Server 2008. It's an filter, which controls and registers Web activity of users. The rules of the filter allow making restriction based on the traffic size, time period, traffic direction (inbound/outbound), part of URL and content-type. Users are grouped by the custom-defined criterion, for instance: user, developer, manager, guest, etc. All the activities are registering into the separated database.

Responsibility: System architecture design, components design, database architecture design, database business logic development, meeting arrangement, time and load tracking, source code and documentation review.

Technologies: C++, XML, SQL (T-SQL), MS SQL Server 2005, MS ISA Server 2008, MS Visual Studio 2005, ErWin, SVN, Bugzilla, VM Ware, STL, Boost, ADO, XML

03/2005 – 01/2009

ARuntime , Kharkov , Ukraine. Software development company.
Software engineer.

Project: Cost GIS products.

Customer oriented GIS software.

Responsibilities: Design, development and accompaniment GIS core and SDE (Spatial Data Engine). Design and implementation of complex mathematical and GIS algorithms, for large GIS data processing. Design, implementation and accompaniment the Point Cloud API (LiDAR data) and Codec API into Autodesk Inc products.

Technologies: C++ (STL, MFC), MC++, C# (Windows Forms), DevExpress, WCF, OpenMP, Oracle Spatial, MS Visual Studio 2003/2005/2008

Project: MashCAD

CAD software for Windows

Responsibilities: Design & developing converters of inner graphic data into DAE & 3DM files.

Technologies: C++, STL, COM, MFC, ACIS, Taigha, OpenNURBS, COLLADA_DOM.

Project: Roy

It's a global Reuter's system to deliver media content to subscribers worldwide.

Responsibilities: Port existing code from VC++ 6.0 to VC++ 2008, bug fixing and implementing new feature, implemented number of tools to automate testing process;

Technologies: Visual Studio 2008, Visual C++ 6.0, MFC, ATL, boost, Java, JNI

Project: AKBU-07

It's backup software which can backup data locally, to network drive or ftp server and supports encryption and compression.

Responsibilities: object oriented analysis, software designed and developed, implement online registration, protection and update engine as ATL Server web applications;

Technologies: Visual C++ 7.1, MFC, ATL, ATL Server, SOAP, boost, Crypto++5.1, WiX toolset.

Project: eCom TV

Various improvements and bug fixes into SDK core and work on TV platform (Includes UPnP SDK as part of platform)

Responsibilities: Integrated UPnP infrastructure into platform, Implemented user interface to communicate with UPnP services from platform application (using XML to describe GUI forms and actions)

Technologies: C, C++, XML, UPnP, DirectFB, GUI, Embedded Linux (STB Linux), Desktop Linux

EDUCATION:

1999 –2005. Kharkov Polytechnical Institute , Kharkov, Ukraine.

Engineer in System Developing. Automatic control systems, data processing systems. Relevant courses included computing mathematics, mathematical and computer modeling, system programming, databases, computer and engineering graphics, system projecting.

LANGUAGES:

Ukrainian - native

Russian - native

English - Intermediate

HOBBY: music, playing guitar, books, pc games