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## **Andriy Gerasika**

**Objective** Information purposes

**Keywords** Windows\*\*\*\*, Linux\*\*, MacOS\*, iOS\*, Android\*, QNX\*, AWS\*, Delphi\*\*\*\*, C++\*\*, C#\*, Java\*\*, PHP\*, SQL Server\*\*, MySQL\*\*, PostgreSQL\*, Oracle\*, OLAP\*, WebServices\*, SOAP\*, REST\*, COM/DCOM\*\*, OLE/ActiveX\*\*, OLEDB/ADO\*, ISAPI\*, JAXB\*, JSP\*, JSF\*, JavaScript\*\*, HTML/DHTML\*\*, XML/XSLT\*\*\*\*, VBA\*, OOP\*, OOD\*, UML\*, Jenkins\*, VSS/CVS/SVN/Git\*

## **Experience summary**

### **General summary**

- 20 years of programming experience;
- 5 years of team leading experience;
- Solid background in Object Oriented Programming and Design;
- Delphi\*\*\*\*, C/C++\*\*, C#\*, Java\*\*, SQL Server\*, PHP\*, MySQL\*\*, XSLT\*\*\*\*;
- Modern database and software development technologies;
- Client-server, distributed multi-tier application development, online analytical processing, websites, mobile apps and games;
- Strong technical background.

## **Skills**

### **Languages:**

- Delphi Pascal<sup>\*\*\*\*\*</sup>
- C#<sup>\*</sup>
- Java<sup>\*\*\*</sup>
- PHP<sup>\*</sup>
- HTML/JavaScript/CSS<sup>\*\*</sup>
- XML, XSL-FO, WordML, OOXML, ODF<sup>\*\*\*\*\*</sup>
- XSLT<sup>\*\*\*\*\*</sup>
- SQL<sup>\*\*\*</sup>
  - MDX (multi-dimensional SQL for OLAP)<sup>\*</sup>
- VBA for Office XP/2003<sup>\*</sup>
- C/C++<sup>\*\*</sup>

### **Databases:**

- MySQL<sup>\*\*</sup>
- Microsoft SQL Server 7.0/2000<sup>\*\*</sup>
  - Microsoft OLAP Services for SQL Server<sup>\*</sup>
- PostgreSQL<sup>\*</sup>
- Oracle<sup>\*</sup>
- Interbase<sup>\*</sup>

### **Frameworks:**

- Delphi VCL<sup>\*\*\*\*</sup>
- .NET Framework<sup>\*</sup>
- Java Swing<sup>\*\*</sup>
- Qt<sup>\*\*\*\*</sup>

### **Operating Systems:**

- Linux (Ubuntu, SuSE, RedHat)<sup>\*\*\*</sup>
- Windows<sup>\*\*\*\*\*</sup>
- MacOS<sup>\*</sup>
- Android<sup>\*</sup>
- iOS<sup>\*</sup>
- QNX<sup>\*</sup>

## Experience

May 2016-ongoing  
FunnyBalloon  
Senior Software Engineer  
<http://www.funnyballoonkids.com/>

### FunnyBalloon

Full stack developer responsible for software architecture and development of FunnyBalloon games: cross-platform apps for Google Play, iOS AppStore, MacOS AppStore, Windows 7, Ubuntu Linux; backoffice (Java), website, SMM

#### Environment and Tools

- Ubuntu Linux<sup>\*\*\*</sup>, Git<sup>\*</sup>
- Qt/Qt Quick/Qml<sup>\*\*\*\*\*</sup>
- C++<sup>\*\*</sup>
- Java<sup>\*\*</sup>
- Android/iOS/MacOS<sup>\*</sup>
- Computer Vision<sup>\*\*</sup>, Dlib<sup>\*\*</sup>, OpenCV<sup>\*\*</sup>
- HTML<sup>\*\*\*\*\*</sup>
- SMM<sup>\*</sup>

Sep 2014-Apr 2016  
Lohika  
Senior Software Engineer  
<http://www.lohika.com/>

### Openet

Engineer responsible for support and development of back-end in telecom industry billing system.

#### Environment and Tools

- RedHat Linux, SVN
- Java 8/C++/bash/DSL
- Eclipse, OSGi, Jenkins, JAXB, JSF
- VoltDB
- High-performance, real-time, micro-services, REST, RMI

### ClearSlide

Engineer responsible for support and development of back-end in startup for online presentations.

## Environment and Tools

- RedHat Linux, Windows, Git, AWS
- Java/Javascript/C#
- Eclipse/Visual Studio, Jenkins, REST
- Microsoft Office Automation, ASP.NET

*June 2013-Dec 2013*

*Eleks, Ltd.*

*Senior Software Engineer*

<http://www.eleks.com/>

## **Real-time Automation Software**

Senior developer responsible for GUI and back-end development for real-time automation software

## Environment and Tools

- Windows, QNX
- Delphi XE3/XE4/XE5
- C++

*Mar 2012-Dec 2012*

*NuclearCoffee*

*Senior Software Engineer*

<http://www.nuclear-coffee.com/>

## **Full Stack Developer**

Senior developer responsible for release/support/new feature development of all NuclearCoffee products

## Environment and Tools

- Windows/MacOSX
- Delphi XE2 (VCL, FMX)
- Objective C (Cocoa)
- XSLT/XML/DevExpress

*Jan 2008-Feb 2012*

*N/A due to NDA*

*Senior Software Engineer*

## **Enterprise e-Learning CMS**

Senior developer of various client and server subsystems

## Environment and Tools

- Linux\*\*\*\*, CVS\*
- Eclipse\*\*\*
- Java\*\*, REST\*\*, JSP, JSF
- XSLT\*\*\*\*\*

- WordML/ODF\*\*\*\*

*Nov 2006 – Oct 2007*

*Eleks, Ltd.*

*Team Lead*

<http://www.clarovision.com/>

## **ClaroVision MediaCenter**

Team lead, software architect, requirements analysis

Developer of:

- Photo Album, Audio Player, Movie Player subsystems
- Storage subsystem

Environment and Tools:

- Visual Studio, SVN
- C#
- WPF, SOAP
- Windows Embedded, Embedded SQL Server

*Nov 2004 – May 2006*

*Eleks, Ltd.*

*Team Lead*

<http://customprep.computerprep.com/>

## **Xyleme subcontracting**

Team lead and senior developer of projects Xyleme subcontracted to Eleks

Environment and Tools:

- Delphi
- XML
- XSLT
- VBA
- C#
- ASP.NET

*Jan 2004 – Jul 2004*

*Eleks, Ltd.*

*Senior Software Engineer*

<http://www.remobjects.com/>

## **RemObjects subcontracting**

Senior developer of:

- RemObjects ServiceTester

- RemObjects Diagram component

Developer support at RemObjects newsgroups

### **Environment and Tools:**

- Delphi
- SOAP
- WSDL
- XML
- RDBMS

*Nov 2003 - Dec 2003  
Eleks, Ltd.  
Senior Software Engineer  
<http://www.eleks.com/>*

### **Small DMS for Druzhba Oilpipelines Company**

Software architect and senior developer of online legal document library for Druzhba Oilpipelines

### **Environment and Tools:**

- PHP
- Apache
- MySQL

*Jan 2002 - Aug 2003  
Eleks, Ltd.  
Team Lead  
<http://www.eleks.com/>*

### **CMS for P&E department of Jersey Government**

Team lead and architect. Senior developer of in-house content management system (CMS) for Jersey P&E web site. The CMS was built using Microsoft Office as front-end/back-end.

Environment and Tools:

- Delphi
- XML
- HTML
- CMS
- IIS
- ISAPI

*Jan 2001 - Oct 2001  
Eleks, Ltd.*

*Senior Software Engineer*  
<http://www.eleks.com/>

## **Layne Consultants subcontracting**

Senior developer of project Layne Consultants subcontracted to Eleks - system for online analysis of Hewlett-Packard customer relationship management database.

Environment and Tools:

- SQL Server
- OLAP
- MDX
- DTS
- VBscript
- CRM
- data warehousing

*Jan 2000 - Dec 2000*  
*Eleks, Ltd.*  
*Team Lead*  
<http://www.eleks.com/>

## **TraderProfile OLAP**

Team lead, requirements analysis, architecture designer. TraderProfile was a system for analyzing NYSE stock trader performance using OLAP Services for MSSQL, GUI was implemented using Delphi 3

Developer of:

- subsystems analyzing stock trader's performance (OLAP)

Environment and Tools:

- Three-tiered
- Delphi
- MS SQL
- OLAP
- MDX
- DCOM

*Sep 1999 - Jan 1999*  
*Eleks, Ltd.*  
*Software Engineer*  
<http://www.eleks.com/>

## **BinHex Encoder/Decoder**

Developer of:

- application server encoding/decoding files to/from BinHex format

Environment and Tools:

- Three-tiered
- C++ Builder
- Pervasive Tango Application Server
- XML

*Dec 1998 - May 1999*  
*Eleks, Ltd.*  
*Software Engineer*  
<http://www.eleks.com/>

## **Accounting for Regional Enterprise**

Developer of:

- Labor Time & Goods Warehouse subsystems

Environment and Tools:

- Client/Server
- Delphi 3.0
- Interbase 4.x

*Jul 1997 - Oct 1999*  
*Eleks, Ltd.*  
*Software Engineer*  
<http://www.eleks.com/>

## **Regional Customs Office Automation**

Developer of:

- Client application
- Document workflow

Environment and Tools:

- Client/Server
- Delphi 3.0
- Interbase 4.2

*Oct 1996 - Nov 1997*  
*Eleks, Ltd.*  
*Junior Software Engineer*  
<http://www.eleks.com/>



## **In-House Application Server**

Developer of:

- Object Query Language implementation
- ActiveX scripting extensibility implementation
- Business specific subsystems

Environment and Tools:

- Delphi 3.0
- Interbase 4.2
- Oracle

## **Spare time development**

*2005-2007*

### **IndieVolume**

IndieVolume is a software product I have developed on my spare time in 2005. IndieVolume has been implemented in Delphi 7 using low level WinAPI programming.

- Gained experience for creating software product from the very beginning till website creating and post-production marketing

*1997 - 1999*

### **aIDE for Delphi**

aIDE is a shareware Delphi expert I have developed on my spare time back in 1997-1999.

aIDE implements integration of Microsoft Visual SourceSafe inside Delphi IDE, advanced navigation between method interface/implementation, advanced class completion, advanced code templates, etc.

The common script language (Forth dialect) has been developed as part of aIDE.

Now aIDE is outdated, since recent Delphi versions support almost everything aIDE had, but it still applies to <=D7 versions.

*1999*

### **elReports**

elReports is a shareware ActiveX report generator I have developed on my spare time back in 1999. elReports creates reports in txt, rtf and htm formats.

1999

### **elSplittedPanels**

elSplittedPanels is a shareware Delphi component I have co-developed on my spare time back in 1999.

elSplittedPanels is a nice component to split form into many areas, avoiding mess of TSplitter and TPanel controls.

1999

### **elWizards**

elWizards is a shareware Delphi component suite I have co-developed on my spare time back in 1999. elWizards is aimed at creating wizard dialogs in Delphi, compliant with Microsoft Wizard 97 specification.

1994 - 1999

## **Education**

### **National University named after Ivan Franko**

University department: Applied mathematics.

Specialty: Mathematics

Holder of master's degree.

## **Personal data**

### **Status**

Driving license: no

Foreign passport: yes

### **Languages**

English: fluent

Ukrainian: native

Russian: excellent