

Lev Babchenko

Computer skills

Languages	C/C++, Python, Go, SQL, PostgreSQL, HTML, CSS, JavaScript, Perl, bash, Pascal, Ada, L ^A T _E X	Operation Systems	GNU/Linux, Microsoft Windows, OS/2, Haiku OS, Novell NetWare
Databases	DB2 UDB (SQL, API, Low-Level), PostgreSQL, SQLite, MySQL, BerkleyDB, Borland DBE, Mongo	Tools/Libs	boost, stl, TurboVision; Qt, SDL, OpenGL, OpenCV; rsync, Subversion, CVS, Git; BugZilla, mantis, trac
Assemblers	BASM, MASM, TASM, Micro	Instruction Sets	x86, i8080A, PDP-11

Work Experience

- 2016–present **Developer**, *Applied Technologies, Ltd.*, Chelyabinsk.
software development for z/OS
- 2011–2016 **Developer**, *3DIVI Company*, Chelyabinsk.
software development for Computer Vision Systems
- 2009–2011 **IT Department Manager**, *TG Telecom, Ltd.*, Chelyabinsk.
software development, problem solving, human resource auditing and management
- 2009–2009 **Senior Programmer**, *TG Telecom, Ltd.*, Chelyabinsk.
software development for distributed payment system
- 2003–2009 **Programmer**, *Applied Technologies, Ltd.*, Chelyabinsk.
development of data auditing/recovery system for IBM DB2
- 1998–2003 **Senior Programmer**, *Business High School*, Chelyabinsk.
development of data management system for IBM DB2
- 1996–1998 **Programmer**, *ZAO "Nedra"*, Chelyabinsk.
geographic information system development
- 1994–1996 **Programmer**, *Department of Security by Kurchatovsky District*, Chelyabinsk.
software development for security system
- 1993–1994 **Technical Director**, *Advertising Agency "VerteX"*, Chelyabinsk.
IT resources audit and management, graphics designing and rendering
- 1992–1992 **Programmer**, *Regional Narcological Dispensary*, Chelyabinsk.
development of expert system for internal enterprise usage

Projects

- 2015–2016 **Seemetrix**, *3DIVI Company*, Chelyabinsk.
Audience Analytics and Interactivity for Digital Signage
- 2012–2014 **Sphinx**, *3DIVI Company*, Chelyabinsk.
Automated surveillance
- 2011–2013 **SkiRacer**, *3DIVI Company*, Chelyabinsk.
System for automated videorecording
- 2010–2010 **GDS**.
accounting system of transport and passenger flows – control and statistical part
- 2010–2010 **DataPump**.
Subsystem for asynchronous data loading
- 2010–2011 **TGPay2**, *TG Telecom, Ltd.*, Chelyabinsk.
distributed payment system, successor of TGPay
- 2009–2011 **Tracker.KCN**, *TG Telecom, Ltd.*, Chelyabinsk.
ERP&CRM System
- 2009–2011 **TGPay**, *TG Telecom, Ltd.*, Chelyabinsk.
distributed payment system
- 2002–2009 **Recovery Expert for Multiplatforms**, *Rocket Software, Inc.*.
Auditing and Recovery Toolset for DB2
- 1998–2002 **QMF for Windows/Rocket Shuttle**, *Rocket Software, Inc.*.
Advanced Query/Report Viewer for DB2
- 1998–1998 **TreeDB**, *Business High School*, Chelyabinsk.
Hierarchical Database
- 1997–1998 **NedraGIS**, *ZAO "Nedra"*, Chelyabinsk.
geographic information system
- 1997–1998 **GISImport**, *ZAO "Nedra"*, Chelyabinsk.
data convertor/importer for NedraGIS
- 1997–1998 **GISPic**, *ZAO "Nedra"*, Chelyabinsk.
semi-automatic manager/vectorizer for large bitmaps
- 1995–1997 **RCSS**, *Department of Security by Kurchatovsky District*, Chelyabinsk.
Software for control panel and server for centralized R/C security system
- 1995–1997 **NetBackup**, *Department of Security by Kurchatovsky District*, Chelyabinsk.
Network backup system
- 1993–1995 **ExpSys**, *Regional Narcological Dispensary*, Chelyabinsk.
Expert System for determining a set of presumptive diagnosis by incomplete set of analysis and surveys
- 1992–1993 **Scheduler**, *Technical College*, Chelyabinsk.
Menu-driven application for on-screen school schedule composing