Alexander Musayev

Date of birth:	17 Jul 1981	E-mail/jabber:	alex.musayev@gmail.com
Location:	Saint-Petersburg, Russia	Skype:	dreikanter
Education:	Higher technical	Phone:	+7 (905) 266-61-66

Skills and specialization

Nine years experience in software design and development. UI/UX design and prototyping. Requirements analysis, tasks decomposition and estimation. Specifications and technical documentation development. Keeping things in order and transforming the Complex into the Simple.

- **Primary programming languages:**
  - o **C#** (.net 1.1-4.0, winforms/wpf, wcf, spring.net, moq, xunit, nunit, devexpress, wix, msmq, zeromq, log4net, nlog).
  - o **Python** (2.6-3.2, django, web.py, unittest, requests, distutils, etc.).
- **Databases:** mysql, sqlite, microsoft sql server (std, express, ce), oracle.
- **Web:** html (4, 5), css (2, 3), microformats, css/html frameworks (including twitter bootstrap). Servers: apache, nginx.
- Version control: git, svn, p4, tfs.
- **IDE and tools:** microsoft visual studio 6.0-2010, jetbrains pycharm, microsoft visio, case studio, windows cli, linux shell, adobe photoshop, mindjet mindmanager.
- English and Russian languages.

Mission

Invent and develop high-quality and popular products bringing. Increase the amount of order and meaning in the world.

Interests

Product development, analysis, UI/UX design, information architecture, distributed systems, web technologies.

Experience

Senior software developer (Outsourcing)

Luxoft, Saint-Petersburg (http://luxoft.com)
Jan 2012 — Present time

Software developer (Outsourcing, R&D)

Lanit-Tercom, Saint-Petersburg (http://lanit-tercom.ru)
Aug 2008 — Dec 2011

Responsibility:

- Enterprise software development (desktop applications and web services), testing, deployment and support (.NET/C#, PL/SQL, Java, Flex).
- Requirements analysis, tasks decomposition and estimation, creating specifications and project documentation.
- UI prototyping and development, UI logic formalization.

Achievements:

- Analytical information system for thermal power plants for Infoenergo Ltd. (Russia).
- Web-based media management system for DTS Medien AG (Germany).
- Medical data management system for Huntington Hospital (California, USA) / dbMotion Ltd. (Israel).

Software developer (R&D)

SZMA LLC, Saint-Petersburg (http://szma.com)
Aug 2006 — Dec 2009

Responsibility:

- Architecture design for distributed software.
- Requirements analysis, specification drafting and project documentation.
- Software development, testing, deployment and support (C#, Matlab, MQL, MySQL, PHP).
- Technical documentation and user manuals drafting.

Achievements:

- Web service for financial data collection, verification, and analysis.
- Middleware for Matlab integration with Metaquotes MetaTrader (trading platform).

Post graduate student

SPIIRAS, Saint-Petersburg (http://spiiras.nw.ru)
Dec 2004 — Dec 2008

Responsibility:

- Research in the field of mathematical modeling, scientific conferences participation.
- Participating in development of Computer-aided Modeling System for the Large-scale Social Economic Projects (Russian Foundation for Basic Research grant).
- Experimental software development (C#).
- Training course development for third-year university students.

Achievements:

- A number of publications in science magazines and institute proceedings
on mathematical modeling and enterprise automation.

Professor assistant

SPb UWC, Saint-Petersburg (http://spbuwc.ru)
Oct 2006 — Jul 2008

Responsibility:

- Training course development for university students.
- Lecturing and running workshops on C++ programming, seminars organization on
enterprise software development.
- Exams admission, participating in the examination committee for the "Information
Security" specialty.

Achievements:

- Practical programming experience in high-level languages for about 50 university
students.
- Lecture notes on C++ programming.

Software developer

7+11 Company Ltd., Saint-Petersburg (http://7plus11.ru)
Jul 2003 — Oct 2007

Responsibility:

- Distributed systems design and developing for enterprise automation and monitoring
systems.
- Data collection and visualization systems development.
- Embedded software testing, deployment and support.
- Requirements analysis, technical documentation.
- Office LAN administration (25 workplaces).

Achievements:

- Launched automated control systems for VTB Bank headquarters, Kronverk Business
Center and a number of other office and residential buildings in Saint-Petersburg.
- Kilowatt-hours and gigacalories saved by control algorithms optimization
for embedded systems.

Some of personal non-commercial projects

- Bibliography generator for science texts based on the GOST 7.0.5-2008 standard requirements (a tool which helps to get rid of a cumbersome list of weak rules which should be kept in mind during bibliography drafting).
- Google Chrome browser extensions with a few thousands of users.
- A number of content management systems for web sites. Proven concept of Git version control system usage for web content management. Wordpress plug-ins.
- Open source python libraries for text processing (developed and participated in).

Most of the listed projects and other ones are open source and could be found at GitHub: http://github.com/dreikanter.

Education

Higher: St. Petersburg State University of Airspace Instrumentation (SUAI)
               Department of Automatic Control Systems
               Specialty: Automatic Control and Information Processing Systems
               1998 — 2004

Postgraduate: St. Petersburg Institute for Informatics and Automation of Russian
               Academy of Sciences (SPIIRAS)
               Specialty: Mathematical and Software Support of Computers,
               Complex Systems and Networks
               2004 — 2008

Miscellaneous

- Brainbench certificates: C, HTML.
- Artyom Gorbunov's Educational Center certificate: User Experience design and Information Visualization.
- Careerlab certificate: High Level Architecture Design with UML.
- System Analysis School certificate for software requirements development course.
- Community membership: ACM, WSG, UX Russia.
- Traveling passport is available. Inland and abroad business trips experience.