

# Alex Kolonitsky

## Senior Java Developer

September 04, 2014

- 9 years experience in Internet technologies.
- 7 years of professional experience in IT field, development of Java and J2EE based applications.
- Knowledge and clear understanding of object oriented programming, design patterns and functional programming principles.
- Strong analytical and problem solving skills
- Result oriented professional, able to quickly grasp new technologies

## Interested in...

- Functional Programming & Modern JVM languages (i.e. Groovy, Scala, Clojure)
- Project Metrics, Code Quality and White Box Testing.
- Data Bases including NoSQL
- Human-Computer interaction, Natural languages processing and Artificial Intelligence.

## Contacts

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**Social** Facebook, Google+, LinkedIn, ВКонтакте, Мои Круг

## Education

Belarusian State University (2004 - 2009)

**Faculty:** Faculty of Applied Mathematics and Computer Science

**Profession:** Mathematician - System Programmer

Belarusian State University (2007 - 2009)

**Faculty:** Institute of Information Technology and Management

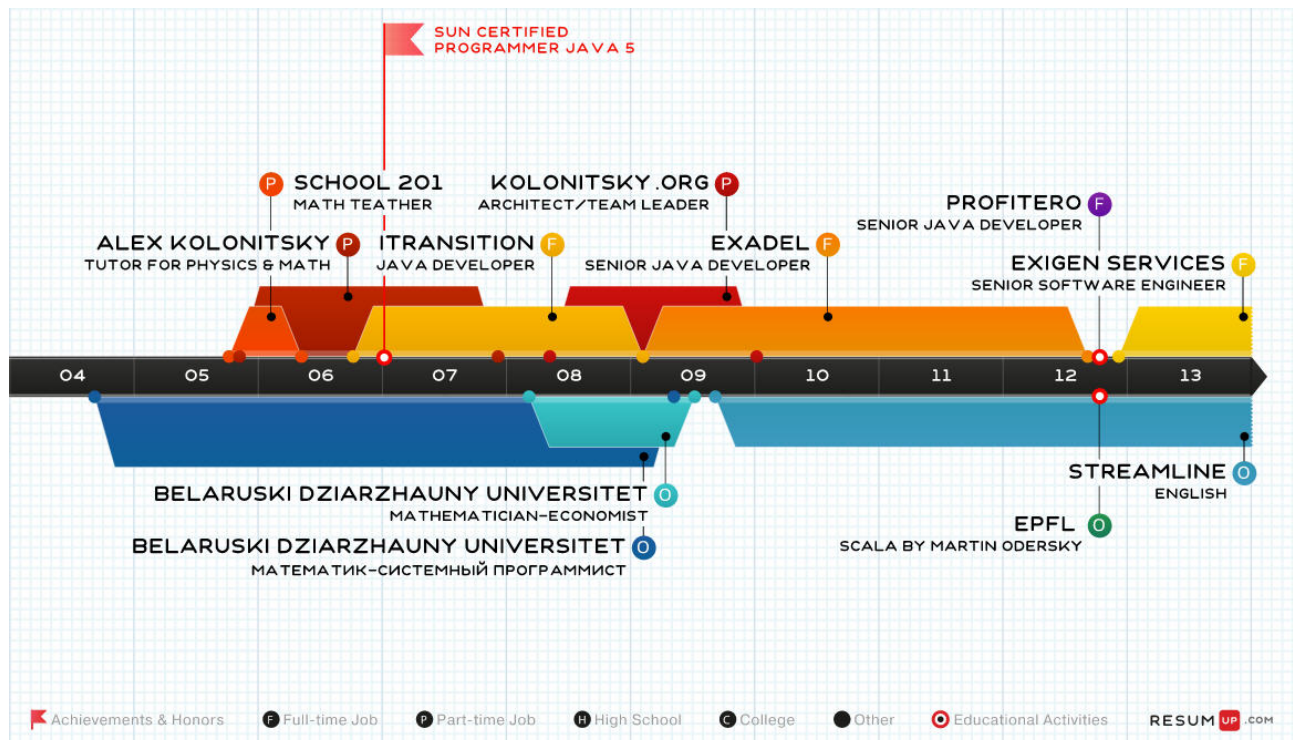
**Profession:** Mathematician - Economist

**English:** upper-intermediate

**Sertificates:** SCJP 5.0

## Experience

In general all working experience and education can be represented at time line below. It should simplify understanding relationships between all projects and full\partial time projects. Under time line shown all education activities at opposite side you can see all projects with role with I've played in them.



All details about projects, companies, technologies and my role given in tables here in chronological order from the most recent to the oldest one.

# ObjectStyle

1 month

## Apache Cayenne

1 month

Apache Cayenne(tm) is an open source persistence framework licensed under the Apache License, providing object-relational mapping (ORM) and remoting services. With a wealth of unique and powerful features, Cayenne can address a wide range of persistence needs. Cayenne seamlessly binds one or more database schemas directly to Java objects, managing atomic commit and rollbacks, SQL generation, joins, sequences, and more. With Cayenne's Remote Object Persistence, those Java objects can even be persisted out to clients via Web Services.

Role	Lead Developer
Responsibilities	<ul style="list-style-type: none"><li>•</li></ul>
Technologies	Swing, Maven, Ant, JavaCC
RDBMS	All
Environment	iMac, Maven, Git, Jenkins, Sonar

# Exigen Services

1 year 7 months

## EIS CRM

1 year 7 months

CustomerCore is a comprehensive, insurance-specific customer relationship management (CRM) system with multi-channel integrated customer communication management (CCM). Its customer-centric design provides an optimal user experience with role-based interfaces for all types of interactions including self-service, such as Web and mobile applications, and contact center.

Role	Team Lead\Project Manager\Scrum Master
Responsibilities	<ul style="list-style-type: none"><li>• Scrum activities (planning, retrospective, product review, ...)</li><li>• Interview new developers, coaching newcomers, performance review</li><li>• New projects design and estimation</li><li>• Team coordination</li><li>• Development process improvements</li><li>• User and technical documentation review</li><li>• Automation (Unit, Integration, End To End) and manual testing</li><li>• JSF Components implementation</li><li>• Introduce JSR 303 for validation</li></ul>
Technologies	Spring, JPA/Hibernate, JSF2 (Richfaces, PrimeFaces), REST, JAXB, Spring Web Flow, Selenium
RDBMS	MS SQL, Oracle
Environment	Jboss, Maven, Liquibase, Mercurial, Jenkins, Sonar

# Profitero

2 months

## Profitero

2 months

Profitero is a next-generation pricing intelligence service for retailers and manufacturers. We help our clients increase sales and maximize profits by leveraging high-quality online competitive data at scale.

Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"><li>• Set up project infrastructure</li><li>• New feature implementation</li><li>• Introduce unit testing in development process</li><li>• Build Single Page client on DOJO</li></ul>
Technologies	Spring, JPA/Hibernate, JSF2 (Richfaces, PrimeFaces), REST, JAXB, Spring Web Flow, Selenium

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RDBMS Environment	MS SQL, Oracle Jboss, Maven, LiquidBase, Mercurial, Jenkins, Sonar
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## Exadel

3 years 5 months

### UBS FA Mobile

1 year 3 months

Internal project for UBS bank to access desktop workstation remotely via mobile devices.

Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>Implementing business logic/persistence/web layer.</li> <li>Developed unit tests (using DBUnit, XMLUnit, Mokhito) and functional tests (Selenium).</li> <li>SQL Optimization.</li> </ul>
Technologies Environment	Spring, JPA/Hibernate, JSF, Rest/Json, XSLT Jboss, Maven, Svn

### HP Company site

1 year 3 months

Develop and test markup and client side logic for www.hp.com site

Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>Cross browser (including ie6) and Multilanguage markup, semantic markup and independent blocks markup techniques.</li> <li>Site loading performance optimization</li> <li>Development UI Widgets based on Mootols.js</li> <li>Performance optimization of JavaScript</li> <li>Writing Documentation</li> <li>Writing a rude site translation tool through google translate on scala</li> </ul>
Technologies Environment	JavaScript (Mootools), HTML, CSS, JSP 2.1 Idea, SVN, Maven, Tomcat, Photoshop, Apache

### Ervision

1 month

Resource Management Tool

Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>Solve problem with data concurrent access</li> <li>SQL Query Optimization</li> </ul>
Technologies Environment	Hibernate, JSF Idea

### JavaFX Plugin for Eclipse

4 months

Plugin for eclipse

Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>Developed new features (using SWT, Jface and JavaFX Compiler API);</li> </ul>
Technologies Environment	Java FX, Eclipse RCP, SWT, JFace Eclipse, SVN

### Jboss Richfaces

2 years 1 month

RichFaces is a rich component library for JSF and an advanced framework for easily integrating AJAX capabilities into business application development. The RichFaces components come ready to use out-of-the-box, so developers can immediately save time in taking advantage of component features to create Web applications that provide greatly improved user experience more reliably and more quickly. RichFaces also includes strong support for the skinnability of JSF applications. RichFaces also takes full advantage of the benefits of the JSF framework including lifecycle, validation, and conversion facilities, along with the management of static and dynamic resources.

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Role	Senior Software Engineer
Responsibilities	<ul style="list-style-type: none"> <li>• Development of the extensible JSF components.</li> <li>• Developed unit tests (using JUnit/TestNG/HttpUnit) and functional tests (Selenium).</li> <li>• Setup code review process</li> <li>• Project metrics reporting</li> <li>• Build management</li> </ul>
RDBMS	HQLDB
Technologies	JSF, Facelets, Seam, Jboss, Tomcat, JavaScript
Environment	Eclipse, SVN, Maven

## TPK

1 year 7 months

### Romanta

1 year 7 months

An internet shop of DVD Movies

Role	Architect/Team Leader
Responsibilities	•
RDBMS	MySQL
Technologies	Ruby on Rails, JavaScript(Prototype+Script.aculo.us), Watir, Cucumber
Environment	NetBeans, SVN, Rake

## Itransition

2 years 3 months

### Tocis II

3 months

An effective tool to manage a network of automobile dealerships that sell Toyota and Lexus cars. The TOCIS System is officially recommended by 'Toyota Motor' to be implemented on all car dealerships in Russia that sell these makes of cars.

Role	Developer
Responsibilities	<ul style="list-style-type: none"> <li>• Developed client tier (using JSF framework together with JBoss RichFaces and JBoss Ajax4jsf components).</li> <li>• Implemented business logic (using Spring framework).</li> <li>• Developed persistence layer (using Hibernate).</li> <li>• Developed unit tests (using JUnit/DbUnit/EasyMock).</li> <li>• Build Integration;</li> <li>• Code review (setup and using Crucible)</li> </ul>
RDBMS	PostgreSQL, HQLDB
Technologies	Glassfish, Jetty, JPA, JSF, Spring, JUnit, DbUnit
Environment	Intelij IDEA, SVN, Maven

### Tetralog

1 month

ERP and CRM System for a German company that benefits from international trade with thermoplastic raw-materials. The application has a client-server architecture and allows its users to manage resources, documents, create several kinds of reports.

Role	Developer
Responsibilities	<ul style="list-style-type: none"> <li>• Performance optimization issues;</li> <li>• Developed new features (using Spring framework for back-end and SWT for frontend);</li> </ul>
RDBMS	PostgreSQL
Technologies	Tomcat, Hibernate, Spring
Environment	Intelij IDEA, Rational ClearCase, Ant

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## Web Tax

2 months

The project is a Web-based service for tax declarations management. It was built according to the requirements of the French ministry of finance. The application provides users with a convenient web-interface for managing declarations lifecycle: creating them manually, calculating, editing and sending. The project is built using J2EE application architecture.

Role	Developer
Responsibilities	<ul style="list-style-type: none"><li>• Performance optimization issues;</li><li>• Client tier development (using custom GUI framework which is similar to JSF);</li><li>• Code reviews;</li></ul>
RDBMS	Oracle
Technologies	JBoos, J2EE, AJAX
Environment	Intelij IDEA, Rational ClearCase, ClearQuest, Ant

## Carlo Maestro

2 years

The project is a Web-based service for business travel management. It was built according to the requirements of the French company. The application provides users with a convenient web-interface for managing expenditures, booking tickets & hotel rooms, generating expenses reports and other internal business documents.

Role	Developer
Responsibilities	<ul style="list-style-type: none"><li>• Client tier development (using custom GUI framework which is similar to JSF), Performance optimization issues;</li><li>• Persistence layer development (using custom framework which is similar to iBATIS);</li><li>• Working with DB (including performance optimization issues)</li><li>• Build Integration,</li><li>• Code reviews;</li></ul>
RDBMS	MSSQL, Oracle, PostgreSQL
Technologies	J2EE
Environment	Intelij IDEA, Rational ClearCase, ClearQuest, Ant

Level	Last used
8 JSP, Servlets	2012
6 JSF, Facelets	2014
7 A4J, Richfaces	2014
5 IceFaces, PrimeFaces, Trinidad, Tobago	2014
4 Spring	2014
5 EJB, Seam	2009
5 Guice	2011
3 ADF	2010
5 Swing, AWT	2014
3 SWT, JFace	2010
3 Batik	2014
7 JDBC	2014
4 Cayenne	2009
4 JPA (Hibernate)	2009
3 iBatis	2009
2 Javassist	2009
4 Antrl, JavaCC	2014
5 XML (JAXB, SAX, DOM)	2011
4 Template Engine (FreeMarker, Velocity)	2014
3 Scala	2013
2 AspectJ	2013
3 JavaFX	2010
Level	Last used
6 JBoss	2013
3 GlassFish	2009
2 WebLogic	2007
2 Apache Web Server	2010
6 Tomcat	2014
3 Jetty	2014
1 Resin	2009
Level	Last used
7 UML	2014
7 IDEF (IDEF0, DFD, SADT, IDEF1X, IDEF3)	2009

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4	ER diagram notation (Martin, Chen's, Crow's Foot)	2014
3	LePUS3 and ClassZ	2011
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4	PlantUML and Graphiz	2014
3	Borland Together	2008
7	Enterprise Architect	2012
7	BpWin, ErWin	2009
5	Rational Rose	2007
4	Visio	2007
3	Visual Paradigm for UML	2008
2	Two-Tie Programming (LePUS3)	2011

Level		Last used
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7	JUnit, DBUnit, HttpUnit, XmlUnit, PerfUnit	2014
3	JUnit, QUnit, JSTestDriver (JavaScript)	2011
6	TestNG	2009
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4	Cucumber, RSpec (Ruby)	2011
2	Jasmine, ScrewUnit (JavaScript)	2011
2	JBehave (Java)	2011
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7	Selenium	2014
6	Watir	2009
2	JMeter	2010
2	BadBoy	2010
1	AutoIt	2009

Level		Last used
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7	Oracle(PL\SQL)	2014
7	PostgreSQL	2009
7	MySQL	2009
6	MS SQL(TransactSQL)	2014
5	MS Access	2007
3	Other (SQLite, HSQLDB, H2, DB2, db4o)	2014
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1	MongoDB, Casandra, CouchDB	2011

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Level	Last used
9 XML	2014
7 XSL/XSLT	2014
7 XPath	2014
6 XSL-FO	2009
3 Other (SVG, FIX, RSS)	2014

Level	Last used
7 HTML/DHTML	2014
8 CSS	2014
8 JavaScript(AJAX, Prototype, Script.aculo.us, jQuery)	2014
6 Ruby on Rails	2013
1 PHP	2005

Level	Last used
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6 JIRA	2012
4 ClearQuest	2009
5 Google Code	2012
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8 Rational ClearCase	2008
2 CVS	2009
8 SVN	2012
3 Mercurial	2014
4 Git	2014
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5 Ant	2014
8 Maven	2014
2 Raven	2008
5 Rake	2012
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5 Jenkins	2009
2 Bamboo	2009
4 TeamCity	2009
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5 FishEye/Crucible	2009
2 Hammurapi	2009

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7	Sonar	2014
4	Dashboard, QALab	2009
8	Findbugs, CheckStyle, PMD, JLint, JDepend	2014
1	metric_fu (Ruby)	2009
2	JSLint, JHint (JavaScript)	2011

Level		Last used
8	JavaScript	2014
7	Ruby	2014
2	Groovy	2009
5	C/C++ (STL, Win API, MFC)	2007
4	Pascal and Object Pascal (Delphi)	2005
3	Haskell	2010
1	Other (Lisp, Prolog, Eiffel, Python, Clojure)	2014