

# Yan Ryahovskiy

## Software Architect, Developer

### I am software architect at ITFB Group

My main responsibilities and competence are development of software architecture, software design, custom development, integration development, optimization, development team leadership.

In general, all that is connected with the provision of production quality software.

I am interested in projects with complex and/or non-standard architecture, high-load projects, projects with a unique and/or interesting functionality and projects interesting to end users.

## Personal Information

### Cell phone.

+7 (967) 028-0021

### Skype

jardevbox

### Email

jardevbox@gmail.com

### Date of birth

March 7, 1981

### English

Upper intermediate

### Russian

Native

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## Employment

09/2014

- now

### Software Architect at ITFB Group

from 09/2014 to present day

### Key responsibilities

Development of software architecture, software design, custom

development, integration development, optimization, development team leadership.

Preparation of technical specifications. Writing specifications. Implementation of critical and complex pieces of code. Architecture review . Code review. Refactoring. Communication with the customer and the customer's technical experts.

## Projects

### **MTS EDO (for Mobile Telesystems JSC)**

**MTS EDO is a system for electronic relevant in law documents interchange between companies.**

*from 09/2014 to present day*

*Role*

Software Architect, Lead Developer, Full stack web-developer

*Software and technologies*

Apache Tomcat, GlassFish, Grails 2, MySQL, Twitter Bootstrap 2, HTML, CSS, JavaScript, JQuery.

2009 -  
08.2014

### **Software Architect at NVisionGroup (ex SITRONICS IT)**

*from 10/2009 to 08/2014*

#### **Key responsibilities**

Development of software architecture, software design, custom development, integration development, optimization, development team leadership.

Preparation of technical specifications. Writing specifications. Implementation of critical and complex pieces of code. Architecture review . Code review. Refactoring. Communication with the customer and the customer's technical experts.

## Projects

### **theKompass (for Russia Beyond The Headlines)**

**Information portal about Russian culture events in UK.**

*from 12/2013 to 08/2014*

*Role*

Software Architect, Lead Developer

*Software and technologies*

Nginx, Apache Tomcat, MySQL, Grails, HTML, CSS, JavaScript, JQuery.

→ [thekompass.rbth.ru](http://thekompass.rbth.ru)

### **MTS BPM (for Mobile Telesystems JSC)**

**Business process management system of documentation coordination and agreement processes.**

*from 06/2012 to 11/2013*

### *Role*

Software Architect, Lead of Development team

### *Software and technologies*

Apache Tomcat, WebLogic, Oracle RDBMS, Struts 2, Oracle BPM, Human Task Service API, SiteMesh, J2EE (WebServices, JDBC, JSP), HTML, CSS, JavaScript, JQuery, JQueryUI.

### *Achievements*

Within 3 weeks I refactored and almost completely rewritten the code, which was written by 3 developers within 3 months.

## **Oracle BI Analytics Extension for Data Import/Export (for Russian Telephone Company CJSC)**

**This extension adds data import/export functionality that is not present in Oracle BI Analytics.**

*from 10/2011 to 12/2011*

### *Role*

Lead Developer

### *Software and technologies*

Apache Tomcat, WebLogic, Oracle RDBMS, Oracle BI, Oracle BI API, J2EE (WebServices, JDBC, Servlets, JSP), HTML, CSS, JavaScript, JQuery.

## **MTS ASPMS (for Mobile Telesystems JSC)**

**Automated Staff Performance Management System. System allows to manage staff's bonus plans and premium calculation for all MTS staff.**

*from 04/2011 to 06/2012*

### *Role*

Software Architect, Project Manager

### *Software and technologies*

Apache Tomcat, Struts 2, MS ActiveDirectory, Oracle 10g, J2EE (WebServices, JDBC, JSP), HTML, CSS, JavaScript, JQuery.

### *Achievements*

Successful crisis management. The project was in extremely neglected stage. The team organized by me fixed up project, extended functionality and launched project in production in three weeks.

## **Risk Management System (for Mobile Telesystems JSC)**

**This system manages business risks of the main activities of the company.**

*from 10/2010 to 03/2011*

### *Role*

Software Architect, Optimization Expert

### *Software and technologies*

IBM WebSphere AS, WebSphere Portal, Spring Framework, FreeMarker Framework, Oracle 10g, HTML, CSS, JavaScript, JQuery, JMeter, JProfiler.

### *Achievements*

Held refactoring of extremely confusing and illogical system of access rights.

Performance of the system is increased from 25 to 30 times in different parts of the project.

Fixed many architectural and design errors made by the previous team.

### **Minister Audomated Workplace (for Bashkiria government)**

**Requests, orders, drafts and documents coordination and agreement system.**

*from 10/2009 to 02/2011*

#### *Role*

Software Architect, Lead Developer

#### *Software and technologies*

Apache Tomcat, MySQL, Grails, Groovy, HTML, CSS, JQuery, JavaScript, DJVU Viewer Plugin.

#### *Achivements*

Functional prototype written in a very short time (2 days).

Prototype features extended to minimal document workflow in next week.

It was very short time for functional written. And it was very fast and tense work done.

### **MTS KMS (for "Mobile TeleSystems")**

**Knowledge Management System for MTS call-centers.**

*from 10/2009 to 02/2011*

#### *Role*

Software Architect, Optimization Expert

#### *Software and technologies*

IBM WebSphere AS, Apache Tomcat, WebSphere Potral, OmniFind, Spring Framework, FileNet CE, FileNet RE, FileNet AE, MS ActiveDirectory, Oracle 10g, J2EE (WebServices, JDBC, JMS, JSP), SiteMesh, HTML, CSS, JavaScript, JQuery.

#### *Achivements*

Performance of MTS KMS system increased in 1000 times.

Held decompiling, reverse engineering of IBM FileNet CE software, found a few errors.

Including bug that limits the performance of the system - not possible to get more performance 150-180 requests per second on the equipment of any power.

Some bugs fixed. Workarounds applied to others.

2008 -  
2009

### **Software Architect at Media Platform LLC (EMCG Group)**

*from 06/2008 to 10/2009*

#### **Key responsibilities**

Development of software architecture, software design, custom development, optimization, development team leadership.

Preparation of technical specifications. Writing specifications. Implementation of critical and complex pieces of code. Architecture review . Code review. Refactoring. Communication with the customer and the

customer's technical experts.

## Projects

### **BUMP (for Media Platform LLC)**

**Information and entertainment portal with web 2.0 and social networking functionality.**

*from 06/2008 to 10/2009*

#### *Role*

Software Architect, Team Lead

#### *Software and technologies*

JBoss, JBoss Seam, EJB, JSF, WebServices, Oracle 11g, Hibernate, XHTML, CSS, Javascript, JQuery.

2007 -  
2008

### **Team Lead, Lead Developer at LANIT Consulting JSC**

*from 05/2007 to 05/2008*

#### **Key responsibilities**

Designing the system architecture in terms of portal solutions. Designing Object Model. Implementation of critical and complex pieces of code. Code review. Development team leadership. Participation in the formation of project documentation.

## Projects

### **Contractors, Partners and Clients database (for RossGosStrah - Russian National Insurance Company)**

**It's aggregation system of contractors, partners and clients. It takes data from different databases and consolidation using fuzzy algorithm comparison. And represents in intranet portal.**

*from 05/2007 to 05/2008*

#### *Role*

Team Lead, Lead Developer

#### *Software and technologies*

Struts, Servlets, JSP, Web-services, JAXB, XML, XML Schema, JavaBeans, Oracle 9i/10g, JDBC.

2006 -  
2007

### **Lead Developer at SoyuzTelecom JSC**

*from 01/2006 to 05/2007*

#### **Key responsibilities**

Designing solutions. Designing Object Model. Development, including the implementation of the critical pieces of code. Code review. Development team leadership. Participation in the formation of project documentation.

## Projects

## **CTX CMS**

### **Mobile content management and delivery system**

*from 03/2006 to 05/2007*

#### *Role*

Lead Developer

#### *Software and technologies*

Apache Tomcat, Struts, Servlets, JSP, JAXB, JAXP, XML, XML Schema, JavaBeans, Oracle 9i/10g, JDBC.

## **Web and WAP sites**

### **Mobile content online shops for CTX CMS**

*from 03/2007 to 05/2007*

#### *Role*

Lead Developer

#### *Software and technologies*

Apache Tomcat, Struts, Servlets, JSP, JAXB, JAXP, XML, XML Schema, JavaBeans, Oracle 9i/10g, JDBC

## **CTX CMS: Statistics server**

### **Statistics server for CTX CMS. Software collecting and analyzing various statistics info from CTX CMS.**

*from 11/2006 to 02/2007*

#### *Role*

Lead Developer

#### *Software and technologies*

Apache Tomcat, Struts, Servlets, JSP, JAXB, JAXP, XML, XML Schema, JavaBeans, Oracle 9i/10g, JDBC.

## **WCRM**

### **Tiny CRM system for company's entire clients data management.**

*from 08/2006 to 10/2006*

#### *Role*

Lead Developer

#### *Software and technologies*

Apache Tomcat, Struts, Servlets, JSP, JavaBeans, Oracle 9i/10g, JDBC.

## **ST Online**

### **SoyuzTelecom corporate web-portal.**

*from 01/2006 to 06/2006*

#### *Role*

Lead Developer

#### *Software and technologies*

Apache Tomcat, Struts, Servlets, JSP, JavaBeans, Oracle 9i/10g, JDBC.

2005 -  
2005

## **Lead Developer at "Master Grant" LLC**

from 09/2005 to 12/2005

### **Key responsibilities**

Designing solutions. Designing Object Model. Development, including the implementation of the critical pieces of code. Code review. Development team leadership.

### **Projects**

#### **Fair 101 km**

##### **Business information portal**

*from 09/2005 to 12/2005*

##### *Role*

Lead Developer

##### *Software and technologies*

Macromedia Dreamweaver MX, PHP, mySQL, Smarty, JavaScript, HTML, CSS.

2004 -  
2005

### **Lead developer at Physics and Power Institute**

from 05/2004 to 09/2005

### **Key responsibilities**

Designing solutions. Designing Object Model. Development, including the implementation of the critical pieces of code. Code review. Development team leadership. Participation in the formation of project documentation.

### **Projects**

#### **System for monitoring and prediction of neutron and gamma radiation gain.**

*from 06/2005 to 09/2005*

##### *Role*

Lead Developer

##### *Software and technologies*

Delphi, MCAlib API, WinAPI, MySQL

#### **System for monitoring and prediction of nuclear reactor critical mass gain.**

*from 10/2004 to 02/2005*

##### *Role*

Lead Developer

##### *Software and technologies*

Delphi, MCAlib API, WinAPI, MySQL

#### **Radioactive material registration database.**

*from 08/2004 to 09/2004*

##### *Role*

## Lead Developer

*Software and technologies*

Delphi, WinAPI, MS Access

### **Archive of technical documentation.**

*from 05/2004 to 07/2004*

*Role*

Lead Developer

*Software and technologies*

PHP, MySQL, Smarty, HTML, CSS, JavaScript

2001 -  
2004

## **Lead Developer at AuRoom Group LLC**

from 08/2001 to 05/2004

### **Key responsibilities**

Designing solutions. Designing Object Model. Development, including the implementation of the critical pieces of code. Code review. Development team leadership. Participation in the formation of project documentation.

### **Projects**

#### **CCT Archive Manager/Viewer**

**Search engine. The search algorithm is based on the theory of dynamical systems.**

*from 01/2004 to 05/2004*

*Role*

Lead Developer

*Software and technologies*

MS Visual Studio, Delphi, MS SQL Server 2000, ADO, GDI+

#### **ISAP: Client module**

**Business process management system thick client.**

*from 01/2004 to 01/2004*

*Role*

Lead Developer

*Software and technologies*

Delphi 7, MySQL, ADO

#### **Mobile Station Software**

**Software for hardware and software information and entertainment complex.**

*from 06/2003 to 12/2003*

*Role*

Lead Developer

*Software and technologies*

MS Visual Studio 7, MFC, WinApi, XML, DirectX SDK, Windows Media Format SDK.



**ClipCoder**

**Video compressor and codec. Compress video into format suitable for playback via the Internet.**

*from 05/2003 to 05/2003*

**Role**

Lead Developer

**Software and technologies**

MS Visual Studio 7, MFC, WinApi, XML, DirectX SDK, Windows Media Format SDK.

**RefQuest**

**Recruitment system with the system of recommendations and references signed by digital signature.**

*from 01/2002 to 04/2003*

**Role**

Lead Developer, Project Manager

**Software and technologies**

MS SQL server 2000, IIS, Java, JSP, Servlets, JavaBeans, JCE, XML, XSL, JDBC, HTML, JavaScript, SSL, Apache Tomcat 4, JRun 4, IMB WebSphere 5, BEA WebLogic 7.

**Customer Support System**

*from 07/2002 to 07/2002*

**Role**

Lead Developer

**Software and technologies**

PHP, mySQL, MS SQL server 2000, JavaScript, HTML, CSS.

**BusinessPages**

**Informational and advertising portal of Obninsk city enterprises.**

*from 02/2002 to 06/2002*

**Role**

Lead Developer

**Software and technologies**

PHP, MySQL, JavaScript, HTML, CSS.

**CD-database «Mig Electronics»**

*from 01/2002 to 01/2002*

**Role**

Developer

**Software and technologies**

Delphi 5, MS Access 2000, ADO.

**OrGate – Description Builder**

**Module that builds human readable textual descriptions of business process model.**

*from 11/2001 to 01/2002*

### *Role*

Developer

*Software and technologies*

MS SQL server 2000, ADO, Delphi.

### **JobFinder**

**Core of recruiting systems family**

*from 08/2001 to 10/2001*

### *Role*

start as Developer, then became Lead Developer

*Software and technologies*

Oracle 8i, PHP, HTML, CSS, JavaScript.

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## Education

1998 -  
2004

### **Obninsk Institute of Nuclear Power**

from 09.1998 to 02.2004

**"Mathematician-engineer. Math software and system programming." speciality.**

Diploma work received excellent evaluation and certifying commission recognized the best diploma work of the year.

Diploma project is Mobile Station Software, made for an American company. At the time of graduation thr project was fully implemented and passed to customer.

Mobile Station Software is software for hardware and software information and entertainment complex.

Main features: record video/audio, convert video to play via the Internet, overlay video effects, card reader and payment systems, automatic self-renewal servers, transfer records and record's metadata to the server to store and share.

1996 -  
1998

### **Physical-Technical School at Obninsk Institute of Nuclear Power**

from 09.1996 to 06.1998

I finished school with excellent grades in physics, mathematics, computer science, English language.

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## Skills

### Key skills

Architecture  
Excellent

Development  
Excellent

Custom development  
Excellent

Integration development  
Very good

Team Leadership  
Good

Optimization  
Excellent

Refactoring  
Very good

Code review  
Very good

Java  
Excellent

Java EE  
Very good

Grails  
Very good

Groovy  
Good

Databases / SQL  
Good

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## Recent skills

### Programming languages

Java, Groovy, SQL, HTML5, CSS3, JavaScript, jQuery, XML,

### Technologies

Java EE, Client-Server, Web Services, MVC, Servlets, JSP, JCE, Java Beans, JAXB, JAXP, JDBC, EJB, Hibernate, AJAX, Human Task Service API, Oracle BI API, FileNet API

### Frameworks

Grails, Struts 1, Struts 2, Hibernate, SiteMesh

### Software

JProfiler, JMeter, FileNet CE, FileNet RE, FileNet AE, OmniFind, MS ActiveDirectory

### Servers

Nginx, Apache Tomcat, GlassFish, Geronimo, Web Logic, Web Sphere

### Databases

MySQL, Oracle, Mongo DB

**OS**

Linux, Mac OS, Windows

**CMS**

Wordpress, Self made

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