Roman Sarakvasha
Senior Java Developer

Personal information

Given name and surname	Roman Sarakvasha
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Qualifications summary

- Developer/System designer with 12 years of experience in such fields as Java, Java EE and SQL
- Has been participating in designing and implementing of distributed back-end solutions (Tomcat, Spring, Hibernate) as well as front-end (Vaadin, jQuery, Backbone.js, Swing)
- Experience in a wide number of different areas (Gradle/Maven, SOAP, Jasper Reports, Sun IDM, Jenkins CI, Groovy/Grails, Python, PHP, Linux administrating, etc)
- Good as a team player, also able to work on own initiative
- Continuous self-development in professional fields using conferences, podcasts and articles

Core competences

Java	12 years
SQL	12 years
Java EE	8 years
Spring	6 years
Hibernate	5 years
JasperReports/iReport	3 years
JavaScript	3 years
Vaadin	2 years
Groovy/Grails	2 years
PHP	2 years
Python	1 year

Technical skills

Operating systems	Linux (CentOS, Debian, Ubuntu, Arch), Windows
Databases	MySQL, Cassandra, Oracle, PostgreSQL
Application servers	Tomcat, JBoss, OC4J
Programming languages	Java, Groovy, JavaScript, Oracle PL/SQL, PHP, Python, Shell script, Lua
Markup languages	HTML/CSS, XML, Markdown
Development tools	Maven, Ant, Eclipse, IntelliJ IDEA, vim, SoapUI, Liquibase
Version control systems	Git, Subversion, Perforce

Employments

From 2015	AltaPay A/S
2005 - 2015	AS Fujitsu Estonia (earlier names: Mandator Estonia, Cell-Network Estonia)
2004 - 2005	Artmedia OÜ

Education

2005	Master of Science in Physics at University of Tartu

Certifications

2009 Sun Java System Identity Manager: Deployment Fundamentals II
2008 Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0

Language skills

English at a high level (experience within international projects)
Russian mother tongue
Estonian at a very high level

Assignments

2014 – 2015 **The Estonian Patent Office**
Role: Senior Java Developer   **Location**: Tartu, Estonia

Back office software customization for the needs of Estonian patent office. Initial software is made by OHIM agency of European Union. Main entities processed by this back office are trademarks and designs.

Technologies used: Backbone.js, RequreJS, JQuery, Spring MVC; Jboss/EJB3/CDI, Mule ESB, Exchange EWS, MySql.

2014 **IT branch of Estonian Ministry of the Interior**
Role: Developer   **Location**: Tartu, Estonia

Development of e-Residence additions for the government document issuing system.
https://e-estonia.com/e-residents/about/

Technologies used: Python, Pylons, SQLAlchemy

2014 **IT branch of Estonian Ministry of the Interior**
Role: Senior Java Developer   **Location**: Tartu, Estonia

Development of SOAP API to be used by several types of hardware devices.
Main purpose of that API is registration of country border crossings.

Technologies used: Grails, Groovy, GORM, Spring-WS, JAX-B

2013 - 2014 **PRIA (Estonian Agricultural Registers and Information Board)**
Role: Senior Java developer / System designer   **Location**: Tartu, Estonia

The aim of the project is to provide an ability to register, search and view different types of Estonian horses, donkeys and other equines.

Technologies used: Vaadin, JPA/Hibernate, JasperReports.

2013 **E-tervis (Estonian eHealth Foundation)**
Role: Senior Java Developer / System designer   **Location**: Tartu, Estonia

Main task of this project was to provide general authentication and authorisation system. This system was build on top of Jasig CAS product. Implemented features: single-sign-on provider and client modules, authentication using SAML protocol, Estonian ID-card and Mobile-ID as an authentication information providers, LDAP provider, X-Road protocol providers, administrative UI for roles/rights managament.

Technologies used:
Provider: Jasig CAS, SAML, Apache Directory, Axis2, JdigiDoc, JDBCtemplate, PostgreSQL.
Admin UI: JSF, Hibernate.

2012 Eesti Energia (outside of Estonia known as Enefit)
Role: Senior Java Developer / System designer   **Location**: Tartu, Estonia

In the scope of this project there was developed a system for selling the energy, which includes the following functionality: prices calculation, data analysis (charts, spreadsheets, etc) and contract preparations (reports).

Technologies used: Swing + webstart (thick client), jFreeChart, JasperReports/iReport, Hessian, Spring(IoC, JdbcTemplate, rmiExporter, etc), Quartz, Axis2, StringTemplate

2011 IT branch of Estonian Ministry of the Interior
Role: System designer   **Location**: Tartu, Estonia

Development of several information systems, which are responsible for accounting for property of different Ministry branches (Police, Border service, etc).

Technologies used: Grails/Groovy, JQuery, PostgreSQL. This assignment included also SAP integration tasks.

2010 Eesti Energia (outside of Estonia known as Enefit)
Role: Senior Java Developer / System designer   **Location**: Tartu, Estonia

In the scope of this project there was developed a system for selling the energy, which includes the following functionality: prices calculation, data analysis (charts, spreadsheets, etc) and contract preparations (reports).

Technologies used: Swing + webstart (thick client), jFreeChart, JasperReports/iReport, Hessian, Spring(IoC, JdbcTemplate, rmiExporter, etc), Quartz, Axis2, StringTemplate

2010 AS Fujitsu Services
Role: System designer   **Location**: Tartu, Estonia

Preparation of technical descriptions for several government tenders.
Descriptions included tier, deployment, interface diagrams, overview of technologies, architectural description, etc.

2009 - 2010 Fujitsu Services OY
Role: Sun IDM/Java developer   **Location**: Helsinki, Finland

Development of Sun IDM based solutions for external customers. Sun IDM is one of the world's leading software for Identity Management. This job included also integration tasks with MS AD and MS Exchange.

2009 EHIS: Estonian Central Education Management Information System
Role: Senior Java developer   **Location**: Tartu, Estonia

Adults' module. The purpose of this module is to collect data about educational institutes that offer courses for adults, the courses and the students' personal info. Additionally to previous EHIS development the following technologies were used: JBoss richfaces, additional ajax components, EJB 3.0.

2008 - 2009 IT branch of Estonian Ministry of the Interior
Role: Java developer   **Location**: Tartu, Estonia

Development of a client application for ESTODAC system, which is a part of EURODAC (European Dactyloscopy) system.

Technologies used: Java, Swing, WS(AXIS2), JNA, C++.

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2008 - 2009 AS Fujitsu Services
Role: Java developer   **Location**: Tartu, Estonia

Research of new open source platforms (Alfresco: repo, share, surf-platform;
Liferay portal). Integration of previously described platforms (alfresco+liferay+db+ldap+etc.).
Preparation of Demo setups (installation, configuration). Improvement/extension of
researched platforms: web-based/trivial digital signature, authentication with Estonian ID-card,
creation of dynamic web-forms (using xsd templates).

2008 Symbian Ltd.
Role: Java developer   **Location**: Brighton/London, UK

Development of plugin for Carbide C++ (Eclipse) for adding TMS (Test
Management System) functionality.

Technologies used: Java, Eclipse PDE, SWT.

2008 Symbian Ltd.
Role: Java developer   **Location**: Brighton/London, UK

Description: Development of plugin for Carbide C++ (Eclipse) for adding CBR functionality.

Technologies used: Java, Eclipse PDE, SWT.

2005 - 2008 EHIS: Estonian Central Education Management Information System
Role: Java developer   **Location**: Tartu, Estonia

Development of Central Education Management Information System (EHIS).
EHIS is the backbone of Estonian educational system, which enables student, curriculum,
teacher, graduation, etc administration.

Technologies used: Java, J2EE, Oracle 9i/10g DB, Oracle 9i/10g iAS, Oracle Reports,
BC4J/UIX, JPA / Hibernate, JSF / Tomahawk / Facelets / Richfaces, Spring IoC/Transaction
management, X-Beans, AXIS2.

2004 - 2005 Hotel's management system
Role: Java developer   **Location**: Tartu, Estonia

Basic information system for hotel management. The system deals with clients,
rooms and employee administration.

Technologies used: Java, J2EE, PostgreSQL, JBoss AS, Tapestry.