Mikhail Rusakovich

Highly motivated person with 3 years experience in software development with broad experience in working with Java-based tools and frameworks on different platforms. Mostly experienced in developing of full stack enterprise- and web- applications. Also I always have a great passion for learning new technologies, algorithms and really enjoy all kinds of open-source stuff.

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- My legal name: Mikhail Rusakovich

Skills

- Java, Groovy, C, PL/SQL (Oracle dialect, inc. some query optimization, hierarchical queries), JavaEE (JSF, EJB, JPA, Servlets, JSP, JAX-WS, JAX-RS, JNDI, JMS, CDI), JAXB, JCE, Spring, GWT, Hibernate, ActiveMQ, Apache CXF, JavaFX, Swing, Applets, JUnit, Mockito, Arquillian

- Object Oriented Analysis and Design, GOF-Patterns, Multithreading

- *Web basic:* HTTP, TCP/IP, HTML/CSS, Ajax, JavaScript, jQuery

- *Application and web containers:* Weblogic, JBoss (WildFly), Tomcat, Glassfish

- *Specifications:* XML, XSD, XSLT

- *Tools:* Jenkins CI, Sonatype Nexus, Jira, SoapUI, Wireshark, SVN, Git, Maven, Ant, NSIS installation system

- *Strong knowledge:* digital signature, security providers, CSP architecture, PKCS7 and CMS formats, certificates, CRL

Work experience

- **Java Developer**, Sep 2012–Jul 2013, Dec 2014 - present

  Developing and support TOPBY.by B2B EDI message provider which includes numerous conversion and connecting modules between customers located throughout the country.

  Also taking part in architecture development.

- *Company:* SoftClub, Minsk, Belarus
- *Responsibilities:* Developing, testing, external system researching, profiling, debugging, reporting, integration with external systems
- *Tools & technologies used:* Java, C, JavaScript, JNI, Weblogic, Tomcat, Arquillian, ActiveMQ, Apache CXF, Spring, Groovy, JPA, JDBC, JAXB, XML, XSD, XSLT, Applets, JCE, Swing, JavaFX, Maven, SVN, Jira, Nexus, NSIS Scriptable Install System

What was made:

- installed application server's domain for high-load message processing;
- developed scalable message processing application based on a legacy code;
- deployed digital signature infrastructure, which includes supporting multiple security providers on the client and server side;
- integration with multiple partners using SOAP, REST, JMS;
- implemented numerous conversion modules from internal customer format to EANCOM and back;
- developed document generation system based on organization's templates;
- embedded SSF-security module for SAP system;
- introduced OAuth-authorization for mobile devices;

- **Java Developer**, Jan 2014–Dec 2014

  Homecredit Bank Belarus ibank retail. Internet banking for individuals.

  - *Company:* SoftClub, Minsk, Belarus
  - *Responsibilities:* Frontend and backend developing, debugging, bug fixing, testing, reporting
  - *Tools & technologies used:* Java, JSF (ICEfaces), JSP, EJB, Hibernate, Oracle, JasperReports, JBoss, Dozer, Ant, jQuery, prototype.js, SVN, Jira

  What was made:

  - designed prototype-based interface;
  - written database mapping in conformity with database model;
  - implemented business logic in accordance with the specification;
  - developed document reporting system;
  - integration with external services using SOAP, JMS;

- **Java Developer**, Jul 2013–Jan 2014

  BUTB.by Belarusian Universal Commodity Exchange. Exchange trading system.

  - *Company:* SoftClub, Minsk, Belarus
  - *Responsibilities:* Backend and service developing, testing, reporting, integration with external systems
  - *Tools & technologies used:* Java, EJB, JPA, Servlets, Glassfish, Oracle PL/SQL, SOAP, Velocity, XDocReport, Groovy, Ant, SVN, Jira

What was made:

- – trading services exposition via SOAP;
- – implemented business logic in accordance with the specification;
- – written scheduling tasks for back-end;
- – developed scripts for batch processing;
- – integration with customer's legacy software;

Own open source projects

- https://bitbucket.org/mikhail_complete/smarthome

  SmartHouse project is an attempt to create a universal platform for the management of home devices using popular interface interaction. At the moment, you can work with devices on the serial, USB and 1-wire protocols, and survey your real estate using a large number of supported cameras. To add support for the device is quite easy - you just need to add it in one of the configuration files. Also, some kinds of mock-devices are available for development stage. For complex logic devices control a special expression language was developed

  - – *Tools & technologies used:* Java, C, GWT, Jetty, Spring, RMI, JNI, Bootstrap, JQuery, WebSocket, Maven, JUnit, Mockito, Cucumber, Selenium WebDriver, Git

- https://github.com/creepid/DocsReporter

  Documents reporting system in docx, odt, pdf, xhtml and pptx formats extending XDocReport project and using Spring Framework. Supported template formats: .docx, .odt and .pptx

  - – *Tools & technologies used:* Java, Spring, Velocity, Freemarker, JUnit, Mockito, Maven, Git

- https://github.com/creepid/jusbrelay

  Multiplatform Java library for USB relay control. Supported platforms: Windows, Linux, Apple OS X. Also Python (CPython) library is available for testing purposes.

  - – *Tools & technologies used:* Java, C, Python, JNI, JUnit, Maven, Git

- https://github.com/creepid/capicom-wrapper

  Java wrapper for Microsoft capicom library

  - – *Tools & technologies used:* Java, Jacob, COM, CSP, JUnit, Maven, Git

Education

- **Belarusian State University**, 2008–2013

  Diploma in Researching Physics.

Appendix

- https://github.com/creepid
- https://bitbucket.org/mikhail_complete