

Mikhail Lapshin

Contact information

E-mail: mlapshin@gmail.com [linkedin.com/in/lapshin1/](https://www.linkedin.com/in/lapshin1/) <https://mlapshin.com>

Position Principal Software Engineer

Key areas of expertise

- Unique experience of maturing an on-premise application into a SaaS application and then into a Cloud Platform
- More than 15 years of hands-on experience in analysis, design, development and maintenance of enterprise-wide J2EE-based applications
- Expert in core Java, J2EE platform, web technologies, object-oriented design, algorithms and data structures
- 17+ years of experience with databases: MySQL, Oracle, DB2 and others
- Certified professional Scrum Master and Product Owner. I helped thousands of others do the same with my [Scrum tests](#).
- Unique contribution to Java platform (Swing library)

Professional experience

Year 09/2008 - present

Employer Informatica Corporation, <https://www.informatica.com>

Roles Technical leader in development of different products, Scrum Master, Mentor of junior engineers, Technical interviewer

Projects

- **Informatica Cloud (2011-2014, 2015 - Now)**. Started as an on-premise application, eventually, Informatica Cloud Service matured into a Cloud Platform. It accommodated a bunch of other Informatica applications like MDM, DQ, ICRT, etc. The architecture of the system was greatly redesigned to be even more extensible and scalable. We extracted many parts of the system as micro-services. Now we have about 30 of them and the number is constantly growing. We utilize Docker containers for development and deployment, Chef for configuration.

I lead development of Data Integration Service which does the majority of work for our clients. Actually, this is the core of the former Cloud Service. My major task was adapting it for the new micro-service architecture and consulting dependent teams.

My tasks include high-level review and design of new features; technical interviewing; code reviews; mentoring junior engineers; work on new functionality, and, of course, Scrum Mastering.

- **Product Information Management System (2014-2015)**. It helps big retailers efficiently acquire, author, and publish product information. My role was to lead development of the Web UI. Other tasks included Scrum Mastering and improving the rich client.

Technologies: Java, Eclipse OSGI, Vaadin, Guice, Spring, MS SQL Server, REST, Swing (for the rich client)

- **Informatica Cloud (2011-2014)**. It is a number of data services like data integration, synchronization and validation available on the Internet. In essence it is a set of scalable web applications.

I was entrusted to found the Cloud department in Russia. I shaped the initial team and organized the development process.

I was the key contributor to the following parts of the system: Mapping designer, Integration templates, Payment processing, Template editor and several others.

Technologies: Java, Tomcat, Servlets, JSP, JSTL, Spring, Struts, Hibernate, MySQL, JavaScript, jQuery, dojo, AJAX, REST.

Year 02/2006 - 09/2008

Employer	Sun Microsystems, http://www.sun.com
Roles	Developer of the Swing library; Integrator of the work results for Swing, Sound and i18n teams
Skills	Deep knowledge of Swing, AWT, 2D and Core Java; IntelliJ IDEA, NetBeans, bash scripting, Sun TeamWare, Mercurial, Subversion, Bugster, J2EE, GlassFish, Tomcat, MySQL.
Details	I was developing the core GUI java library as a member of the Swing team. I was responsible for a number of Swing components such as menus, internal frames, labels and combo boxes. For example, I completely rewrote the drawing algorithm of menus which fixed a bunch of old bugs.

And many other projects: MDM Hub, Grid Computing System, etc...

Technical skills

- Languages: Java, JavaScript, SQL, shell scripting, C++, HTML, XML, XSL, UML, VisualBasic, Object Pascal, Assembler
- Technologies: Full J2EE stack (Servlets, JSP, EJB, JSF, JMS, etc.), MVC frameworks (Spring, Vaadin, Struts), ORM frameworks (Hibernate, JPA), Presentation level (HTML, React, AJAX, Swing, Flex), Testing frameworks (JUnit, Selenium, Mockito), Design Patterns, OSGi and many others
- Databases: MySQL, Oracle, DB2, MS SQL Server, Firebird (Interbase)
- Operating systems: a wide range from Windows through different flavors of Linux to Sun Solaris, IBM AIX, and Mac OS
- App servers and servlet containers: JBoss, Tomcat, WebSphere, GlassFish
- Development tools: Eclipse, Ant, Maven, bash, Gulp, Hudson, JIRA, IntelliJ IDEA, NetBeans, MS Visual C++ and many others

Certifications

- 2017 IMS Awareness - Incident Management System Awareness
- 2015 PSM I, PSPO I - Professional Scrum Master, Product Owner
- 2005 SCJP, SCWCD - Certified Java Programmer, Web Component Developer

Education

- 1996 - 2001 Russia, Rybinsk State Aviation Technical University, Yaroslavl region. Master's degree in Electronics.