

Mikhail Rusakovich



Contacts:

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I have been working as a Software Engineer for 6 years in FinTech sector and as an Application Security Engineer / Security Advisor for the last 2 years. Sphere of my professional interests consists of Threat Modeling and Security requirements analysis practices, enrichment the tools like SAST and WAF with custom rules according to the project security risks, embedding the security practices into application development with security unit / integration tests and code review. My last-time responsibilities also include architecting the applications with security in mind and improving company SSDLC processes.

Last Work Experience

- **EPAM Systems, Inc.** (Dec 2018 - ...), Application Security Engineer / Security Advisor for the Company Business Services and Global Delivery products;

Responsibilities:

- Threat Modeling and Risk Assessment of the products according to the Company security risks and regulations like GDPR or CCPA;
- Development of Threat Modeling templates and a solution for Threat Modeling automation;
- Enrichment for Company SASTs with custom-developed rules according to the industry newest standards like OWASP API Security and actual company security risks;
- Creating of Hardening-assessment scripts for the Company 3rd Vendors products;
- Development of Security Maturity framework for the company products;
- Root Cause Analysis of the applications security issues;
- Company SAST, SCA, CVM tools report results analysis;
- Support of the company Security Champions program.

- **SoftClub LLC**, (Aug 2012 - Dec 2018), Senior Software Engineer, FinTech and Trade sector products;

Responsibilities:

- Development and architecting of Public key infrastructure services and client applications for Banking and Trade sector;
- Engineering and support of Electronic Data Interchange provider back-end services for Trade sector;
- Trades exchange system back-end services development for Trade sector.
- *Tools & technologies used:* Java, Groovy, PL/SQL, Spring, Apache CXF, EJB, JPA, Hibernate, Hazelcast, ActiveMQ, Wildfly, Glassfish, Tomcat, Jetty, PostgreSQL, Oracle DB, MySQL, JavaFX, Maven, Gradle, JUnit, Arquillian, Nginx, JCE, H2, JNI, Mockito, C/C++, Android, NSIS Installer, Jenkins CI, SVN, Jira, Confluence.

Other information

Apart from my work, I love to participate in open-source projects (especially security-related), try to share [my own solutions on github](#) with the world and share my experience [via blog](#). Please, request additional details about my experience via one of the suggested methods above in case of any questions.

Education

- **Belarusian State University**, 2008–2013, Researcher Bachelor Degree.
Degree work on a theme:
Software Development for EPR spectrometer management

Languages

- **English** - Professional level;
- **Russian** - Native.