Roman Sarakvasa
Senior Software Engineer

Personal information

Name	Roman Sarakvasa
Date of birth	January, 1982
Citizenship	Estonian
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Qualifications summary

- Senior software engineer, in IT business since 2004 with primary focus on Java and Databases.
- Has been participating in design and implemention of distributed back-end solutions (Java, Spring, Hibernate).
- Experience in a wide number of different areas: building tools, CI, reporting, etc.
- Enjoy working in a team using Scrum and other agile methodologies.
- Continuous self-development in professional fields using conferences, podcasts and articles

Core competences

Java	18 years
SQL	18 years
Spring	10 years
Hibernate	10 years
RabbitMQ	8 years
Cassandra	8 years
Python	2 years

Technical skills

Databases	MySQL, Oracle, Cassandra, ElasticSearch
Java libraries/frameworks	Spring, Hibernate, Tomcat, Guice, Mockito
Programming languages	Java, Groovy, JavaScript, Python, Shell script, PHP, Lua
Markup languages	HTML/CSS, XML, Markdown
Development tools	Gradle, Maven, IntelliJ IDEA, vim, SoapUI, JMeter
Version control systems	Git, GitHub, Subversion, Perforce

Education

2005	Master of Science in Physics at University of Tartu (Estonia)

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 (used as professional language for the last decade)
Russian	mother tongue
Estonian	at a very high level

Experience

2019 – PSQR ApS

Role: Technical Team Leader/Senior Developer   **Location**: Denmark

Development of the extensible core of the track-and-trace platform.

- Implementing core functionality: validation, storage, reporting, etc.
- Adding new extension points other teams and customers could use to extend functionality of the platfom.
- Implementing Java APIs/services other teams could use to interact with the platform.
- Migration from Spring Framework to more lightweight libraries.
- Preparing platform for cloud deployments.

Technologies used: Java, MariaDB, Cassandra, ElasticSearch, RabbitMQ
Methodologies used: Test Driven Development, Domain Driven Design, Scrum

2015 – 2019 Altapay A/S

Role: Senior Developer   **Location**: Denmark

Development and maintenance of the reconciliation reporting engine for the payment gateway.

- Adding integration to new payment providers
- Adding new features/reports
- Migration from PHP to Java
- Maintaining data quality

Technologies used: Java, PHP, MySQL, Cassandra, RabbitMQ
Methodologies used: Test Driven Development, Domain Driven Design, Scrum

2005 – 2015 AS Fujitsu Estonia

Location: Tartu, Estonia

Preparation of tender documents and further development of Informational systems for v government institutions:

- Estonian Ministry of the Interior
- Estonian Agricultural Registries
- Estonian eHealth Foundation
- Estonian Central Education Management Information System

Technologies used: Java, Java EE, Oracle DB, PostgreSQL