



## Roman Sarakvasa

### Senior Java Developer



## Personal information

|               |                               |
|---------------|-------------------------------|
| Name          | Roman Sarakvasa               |
| Date of birth | January, 1982                 |
| Citizenship   | Estonian                      |
| Address       | 2000 Frederiksberg<br>Denmark |
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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 implementation 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

|                           |  |
|---------------------------|--|
| Operating systems         | Linux (CentOS, Debian, Ubuntu, Arch), Windows                      |
| Databases                 | MySQL, Oracle, Cassandra, ElasticSearch                            |
| Java libraries/frameworks | Spring, Hibernate, Tomcat, Guice, Mockito                          |
| Programming languages     | Java, Groovy, JavaScript, Oracle PL/SQL, Python, Shell script, Lua |
| Markup languages          | HTML/CSS, XML, Markdown  |
| Development tools         | Gradlew, Maven, IntelliJ IDEA, vim, SoapUI, JMeter                 |
| Version control systems   | Git, 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

## Assignments

### 2019 – PSQR ApS

**Role:** Team Technical 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 platform.
- 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, 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 different 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