

# Semen Tenishchev

+357 95924835 | [tenishev.semen@gmail.com](mailto:tenishev.semen@gmail.com) | [github.com/Tenishev](https://github.com/Tenishev) | [@kris13](https://twitter.com/kris13)

## EDUCATION

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<b>ITMO University</b> <i>Phd of Mathematical modeling, numerical methods and program complexes (not finished)</i>	Saint Petersburg, Russia 2018 – 2022
<b>ITMO University</b> <i>Master of Applied Mathematics and Computer Science</i>	Saint Petersburg, Russia 2016 – 2018
<b>ITMO University</b> <i>Bachelor of Applied Mathematics and Computer Science</i>	Saint Petersburg, Russia 2012 – 2016

## EXPERIENCE

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<b>Senior Software Engineer</b> <i>FinDev</i>	September 2023 – now <i>Limassol, Cyprus</i>
<ul style="list-style-type: none"><li>Lead the design and development of software solutions, working closely with stakeholders to translate business needs into technical specifications</li><li>Drive iterative development cycles, incorporating user feedback to continuously improve solution quality and usability</li><li>Collaborate effectively with other teams to align solutions, define APIs, and leverage existing system knowledge</li><li>Identify and implement improvements to core libraries and infrastructure to enhance development efficiency</li></ul>	
<b>Chief Technology Officer (CTO)</b> <i>Neos</i>	April 2022 – April 2023 <i>Saint-Petersburg, Russia</i>
<ul style="list-style-type: none"><li>Global vision for products technology development, improvement of the development process, upgrading tools up-to-date</li><li>Clarification of technical details, checking the capabilities of products at the pre-sale stage</li><li>Projects and products risk management in technical aspects</li><li>Development lead on Java team, continuing to act as PO for the product</li><li>Improving the interaction between development teams and technical support, project managers and product owners</li></ul>	
<b>Head of development/Product Owner</b> <i>Neos</i>	May 2021 – March 2022 <i>Saint-Petersburg, Russia</i>
<ul style="list-style-type: none"><li>Improving company development flow by introducing Agile practices and building 4 scrum teams</li><li>Improving development CI/CD flow and artifacts - docs, architecture guidelines, knowledge base, tasks</li><li>Mentoring PO and conduct series of meet-ups for leads and developers</li><li>Synchronisation of development capabilities with business commitments</li></ul>	
<b>Product Owner</b> <i>Deutsche Telekom IT RUS (former T-Systems RUS)</i>	February 2020 – May 2021 <i>Saint Petersburg, Russia</i>
<ul style="list-style-type: none"><li>Agile team of 7 people, company leads by SAFe framework</li><li>Discussions with a customers, clarification of requirements, creation and prioritization of stories for the team</li><li>Two new microservices were created and run into production</li><li>Spring Boot, Kafka, Flyway, PostgreSQL and Docker were used in development, REST API was defined by OpenAPI standard</li></ul>	
<b>Developers team lead</b> <i>T-Systems RUS</i>	March 2019 – February 2020 <i>Saint Petersburg, Russia</i>
<ul style="list-style-type: none"><li>Communicate with a product owner and analysts</li><li>Defining architectural and technical solutions</li><li>Splitting stories to a tasks for a team</li><li>Conducting F2F with a team members, support in the development</li></ul>	
<b>Junior to Senior Java developer</b> <i>T-Systems RUS</i>	February 2016 – February 2019 <i>Saint Petersburg, Russia</i>
<ul style="list-style-type: none"><li>Develop and support of legacy full-stack application written on JavaEE with Struts as the frontend and Oracle-DB</li><li>Develop and support of legacy Windows thick-client written on JavaScript and C#</li></ul>	

## TECHNICAL SKILLS

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**Languages:** Java, SQL (PL/SQL, Postgres), Kotlin, TypeScript, JavaScript, HTML/CSS, C++, C

**Frameworks:** Spring Boot, Spring Framework, Apache Camel, Apache Kafka, React, Gradle, Maven, Flyway, Liquibase, JUnit, Testcontainers, Docker, Rancher, OpenAPI

**Tools:** PostgreSQL, GitLab CI, TeamCity, Jenkins, ElasticSearch, Prometheus, Grafana, Apache NiFi, Jira, YouTrack

## SOFT SKILLS

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**Methodologies:** Agile, Scrum, SAgE, Waterfall

**Characterization:** INTP(-A), critical thinking, passion for improvement

**HR:** hiring, mentoring, leadership, firing

## ACHIEVEMENTS AND CERTIFICATES

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**Member of AsyncAPI Technical Steering Committee**

**Certified SAgE PO**

## FREE TIME PROJECTS

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**AsyncAPI Java generator** | *Java, Spring Boot, JavaScript*

April 2020 – Present

- Developed a module for a AsyncAPI code generator to create Spring Boot based code template like it does in OpenAPI
- Several async protocols were supported: kafka, mqtt, amqp
- Also several adjustments in central generator code