



# Lozitsky Anton

## Java/Kotlin developer

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Current residence: Loznica, Serbia

### About

Software engineer with more than 6 years of experience with Java/Kotlin in medicine, telecommunications, finance domain. Write reusable, testable, and efficient code. For a long time worked as Windows/Linux system administrator and repair/maintenance engineer. Bachelor degree in mathematics and computer science. Lately explore Go.

Strong soft skills, always calm and polite. Used to share knowledge with colleagues. Eager to learn from my teammates. Easy join a team.

### Skills

- **Java** 6+ years: Java 5-21
- **Kotlin** 2+ years.
- **Go** 0+ years.
- **Spring** 4+ years: Boot, Data, Web, AOP, Security etc.
- **DB**: SQL/HQL/JPQL, PostgreSQL, H2, MySQL, HSQLDB.
- **CI/CD**: GitLab.
- **BPMS**: Camunda
- JUnit5, AssertJ, Awaitility, Mockito
- **Front**: JavaScript, HTML, CSS, jQuery, AJAX, JSP/JSTL, Bootstrap
- IntelliJ IDEA, Git, Maven, Tomcat, SoapUI/Postman, Swagger/OpenApi, Docker/compose, Bash.
- Liquibase, Jackson, JAXB/SAX, XML/XSD, JDBC, Hibernate, , MapStruct, Lombok.
- TDD, DDD, REST, patterns, Scrum, Agile.
- Strong expertise with **Linux**
- High percentage of code covered by automated tests
- **English B2** Upper Intermediate.
- **German A1** Elementary
- **Serbian A1** Elementary

### Experience — 9 year 11 month

November 2021 —  
present

**Saint-Petersburg International Mercantile Exchange · Full-time**

**Position: Java backend developer**

**Project: Trading/clearing platform for working on stock and commodity markets as a complete replacement for the existing company system.**

**Team size: 5**

Developing a clearing part for derivatives market of brand new trading/clearing platform for financial derivatives on the Russia biggest raw material exchange. Writing from scratch backoffice and auxiliary services for client/admin clearing platform UI.

The architecture of the system includes database layer that uses PostgreSQL with Liquibase for migration control, backend modules implemented with Java (now it's 21) and Spring and front-end layer realised via VueJs, Quasar Framework and TypeScript. Using GitLab CI for CI/CD. For application server using Tomcat. For integration with highload components using GRPC and REST for other interaction. For Rest Api using Swagger and OpenApi definition. Testing with JUnit and Spring Boot test. Security firstly was implemented with JWT and Spring Security later switched to OAuth2.

#### Responsibilities

- Designing and establishing the architecture of the clearing part in derivatives market.
- Developing functionality of backoffice and auxiliary services.

- Implementing security, establishing TLS on all environments
- Implementing XMLDsig functionality and developing XSDSchema for Api.
- Writing unit and integration tests including async
- Designing REST API.
- Developing CI/CD pipelines and maintaining develop/test environments
- Working with Linux (Debian based), deploy, fix, maintain, etc. for development purposes

**Technologies:** Java17-21, Spring (Boot, AOP, Data, Web, Security), PostgreSQL, Hibernate/Data JPA, SQL/JPQL, Liquibase, MapStruct, Lombok, JAXB/SAX, XSD, XMLDsig, Maven, JUnit5, Mockito, AssertJ, Git, GitLabCI

February 2021 –  
November 2021  
10 month

## **PJSC "Rostelecom" · Full-time**

**Position:** Kotlin backend developer

**Team size:** 7

**Project:** Orchestrator/order Service base on SAGA approach, part of prospective OSS/BSS business process management system in the b2c segment

Developing core microservices in new management system for biggest telecom provider which must orchestrate all steps of interacting with any customers of company. I developed microservice with algorithm which in real time gathered data from different sources, transform it to unified format, order base on business logic, form workflow with chain of executable steps, drew BPMN diagram, deploy this model to BPMN engine (Camunda) and launched it for execution. Thus, the company's management could see at any time what stage the interaction with the customer is at and independently adjust the execution logic at each step.

### **Responsibilities**

- Designing and establishing the architecture of the service.
- Developing a unique algorithm real time dynamic transformation process in BPMN notation.
- Designing and developing auto deploy pipeline to BPMN engine Camunda.
- Designing and implementing a data transformation process
- Deploying test environment CentOS, DB, Tomcat etc
- Configuring continuous integration and delivery tools with Gitlab-CI/CD
- Demonstrating the product in action at road show meetings and presented to C-level executives
- Covering with integration and unit tests

**Technologies:** Kotlin, Java, Spring, PostgreSQL, H2, Hibernate/Data JPA, SQL/JPQL, Lombok, Jackson, Maven, JUnit4, Git, GitLabCI, Camunda

**Project:** ETL Service for gathering, validating and saving data from external system for internal company use.

Developing microservice for internal company use. Which helped to collect and combine information from different sources interacting with diverse external systems built on various technologies, requesting data from external systems, validation, transformation, saving to a remote storage which help the company collect information together and provide it through a convenient REST API.

### **Responsibilities**

- Designing and establishing the architecture and functionality of the service
- Designing and developing REST API
- Dockerizing service.
- Demonstrating the product in action at meetings with the participation of owners of unified systems.

**Technologies:** Kotlin, Java, Spring, PostgreSQL, H2, Hibernate/Data JPA, SQL/JPQL, Lombok, Jackson, Maven, JUnit4, Git, GitLabCI, Docker

May 2016 –  
February 2021  
4 year 5 month

## **LLC "A-Clinic Line" (LivaNova, PLC) · Full-time**

**Position:** Software Engineer

**Project:** Software for wearable medical devices

### **Responsibilities**

- Internal logic
- Front on JSP/JSTL

**Technologies:** Java 8, Maven, Git

**Position:** System Administrator /Maintenance Engineer

### **Responsibilities**

- Technical support for software configuration and repair of systems for programming medical devices
- Support of medical equipments based on Win or Linux OS, configuration, software installation, repair.

September 2012 – May 2016  
3 year 10 month

**LLC "INTERCARDIO" (Sorin Group Italia S.r.l.) · Full-time**

**Medical Equipment Repair/Maintenance Engineer**

Responsible for.

- Repair and maintenance medical devices.
- Software Installation.
- Communicate with users, diagnose and resolve their problems.

**System Administrator**

Responsible for.

- Install and configure software and hardware.
- Communicate with users, diagnose and resolve their problems.
- Support of the company's computer infrastructure.
- Setting up and ensuring work with trading systems. Setup EDS, CryptoPro, etc

**Education**

1999 - 2004

**Vologda State Technical University**

Bachelor, mathematics, computer science, computer technology