



Lozitsky Anton

Java/Kotlin developer

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About

- Highly skilled software engineer mainly in back-end development
- Over 5 years of Java/Kotlin commercial experience mostly with Spring boot in finance domain.
- Have experience of leading software engineering team. Participate in code review
- Use actively relational databases with ORM, query optimisation and designing schemas.
- Experience in designing, deploying and maintaining extensive REST APIs.
- Familiar with integrations through gRPC/WebSockets
- Tuning CI/CD pipelines.
- Strong knowledges in Linux.
- Work with distributed and concurrent systems.
- Great communication skills.
- Bachelor's degree in maths.
- English B2 / German A1 / Serbian A1

Skills

- Java/Kotlin with Spring 5+ years.
- SQL/HQL/JPQL, PostgreSQL, Liquibase, Hibernate.
- Rest/gRPC/WebSocket.
- OAuth2/JWT/LDAP/SpringSecurity.
- GitLab CI/CD.
- Camunda.
- Monolith/Microservices, CQRS, DDD, Patterns
- JUnit4/5, AssertJ, Awaitility, Mockito
- IntelliJ IDEA, Git, Maven, Tomcat, Swagger/OpenApi, Docker.

Experience — 5 year 11 month

November 2021 — present **Saint-Petersburg International Mercantile Exchange · Full-time**

From February 2024 **Position: Team Lead**

Project: Trading/clearing platform for working on stock and commodity markets.

Team size: 5

Leading software engineering team as well as developing a clearing part for derivatives market of brand new trading/clearing platform for financial derivatives on one of the biggest row material exchange.

Responsibilities

- Designing and establishing the architecture of the clearing part in derivatives market.
- Developing functionality of backoffice and auxiliary services.
- Selection of technologies and tools for the project.
- Code review colleagues.
- Setting and decomposition tasks.
- Create and maintain project documentation.
- Collaborate with other departments.

Till February 2024 **Position: Java backend developer**

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

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 maitainence 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