

Aleksandr Kniazev, Senior Software Developer

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Summary

Software developer with 8+ years of professional experience, specializing in building high-performance systems and integrating complex functionalities. Skilled in Java and Kotlin development with expertise in Spring Boot framework. Proficient in a wide range of technologies including Kafka, PostgreSQL, Docker, and Kubernetes. Experienced in designing and implementing highload microservices architectures to support scalable and resilient applications.

Skills & Technologies

- Programming Languages: Kotlin, Java, SQL, TypeScript
- Frameworks: Spring Boot, Spark, Hadoop, Angular
- Development Tools: PostgreSQL, Kafka, Docker, Jenkins, GitLab CI/CD, Clickhouse, Grafana, Prometheus, Kubernetes

Professional Experience

Evotor | Senior Software Developer | June 2022 – Present

POS system and online tax registration fiscalization (tax registration) service provider for 25% of enterprises in Russia.

- Developing a highload (1000+ RPS) receipt fiscalization service using Java, Kotlin Spring Boot, Kafka, and PostgreSQL.
- Reduced inner RPS which increased total system performance by ~30%.
- Designed and developed an integration service with a new partner which increased fiscalization receipts income by ~10%. Java, Spring Boot
- Developed a single entry point for the sellers from the most popular Russian marketplaces to manage product cards and orders. Kotlin, Spring Boot, Kafka, PostgreSQL

Maxilect | Software Developer | October 2020 – May 2022

Outsource company with international customers. Worked on an RTB system project.

- Implemented backend side of admin panel for advertisers and publishers of the RTB system with statistics. Java, Spring Boot, Kafka, PostgreSQL.
- Integrated PayPal, Capitalist, and cryptocurrency exchange payment systems with RTB platform.
- Enhanced the bidding system efficiency by ~20%. Kotlin, ClickHouse.

KPMG | Software Developer | August 2019 – October 2020

One of the world's leading professional services firms and the Big Four accounting companies.

- Implemented warehouse product labeling system integrated with the regulation service. Kotlin, Spring Boot, PostgreSQL, Angular.
- Created a digital signing service using the regulator's proprietary signing algorithm. Java, Docker.
- Developed a Big Data pipeline for a prediction system using Hadoop and Apache Spark to analyze counterparties data for clients.

HARMAN | Software Developer | September 2016 - August 2019

Harman delivers premium audio, visual, and connected car systems globally with brands like JBL and Harman Kardon. Is part of Samsung. Worked for Verizon on an eSIM provisioning system.

- Supported the development of an eSIM provisioning system based on GSMA specification, and created a CI/CD pipeline. Java, Spring Boot, MariaDB, ActiveMQ, MongoDB, Docker.
- Designed and built a License management system in order to issue and manage licenses for products, and sell them to customers. Java, Spring Boot, MongoDB.

Education

- **Bachelor of Computer Science** June 2017