

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 (Point Of Sales terminals) system and online fiscalization (tax registration) service provider for 25% of enterprises in Russia.

- Developed a highload (1000+ RPS) receipt fiscalization service using 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%.
- Developed a single entry point for the sellers from the most popular Russian marketplaces to manage product cards and orders.

Stack: Kotlin, Spring Boot, Kafka, PostgreSQL

Maxilect | Software Developer | October 2020 – May 2022

Outsource company with international customers. Worked on an RTB (real-time bidding for an advertisement platform) system project.

- Implemented the backend side of the admin panel for advertisers and publishers of the RTB system with statistics, to provide transparent analytics for clients.
- Integrated PayPal, Capitalist, and cryptocurrency exchange payment systems with RTB platform.
- Enhanced the bidding system efficiency by ~20% by optimizing the code of a decision-making algorithm.

Stack: Kotlin, Java, Spring Boot, ClickHouse, Kafka, PostgreSQL

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 to allow clients to follow new goods tracking system law.
- Created a digital signing service using the regulator's proprietary signing algorithm to enable users to generate a QR-code for a mark.
- Developed a Big Data pipeline for a prediction system using Hadoop and Apache Spark to analyze counterparties data for clients, to optimize costs.

Stack: Kotlin, Spring Boot, PostgreSQL, Angular, Hadoop, Apache Spark

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.
- Designed and built a License management system in order to issue and manage licenses for products, and sell them to customers.

Stack: Java, Spring Boot, MariaDB, ActiveMQ, MongoDB, Docker

Education

- **Bachelor of Computer Science** June 2017