

# Aleksandr Gavrilenko, Lead Java Developer

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## LINKS

[LinkedIn](#), [Telegram](#), [Site](#), [Articles](#)

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## PROFILE

- **16** years in IT and the last **14** years in Java development of business-critical systems in FinTech and Big Data
- The last **8** years of experience as a Solution Architect and Java Engineering Manager
- Developed several systems from scratch and ensured fault tolerance under high-load
- Led the successful segmentation of a few monolithic high-loaded systems into microservices
- Successfully scaled a product development team from 3 to 25 members across four cities
- For the last 4 years, I have been actively involved in mentoring at work and in my free time (over 120 mentoring sessions on GetMentor, Solvery and ADPlist)

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## EMPLOYMENT HISTORY

Apr 2019 — Jan 2024

**Technical Product Owner | Java Engineering Manager, Sberbank**

Moscow, Russia

Projects:

- proxy service based on Apache HDFS for federated access to HDFS & Ozone and online encryption of selected attributes of Parquet files (throughput - 4 Pb/day)
- proxy service for setting up federations between Hive Metastore

Accomplishments:

- developed the system from scratch to production (availability 99.99%, 0 critical incidents over three years of operation)
- developed CI/CD processes from scratch (zero downtime upgrade)
- automated integration and load testing (no testers in the team)
- reduced latency for data proxying and encrypting to 15% of direct data access

Technologies: Java 8, Spring (Core, AOP), Hazelcast, Hadoop, HDFS, Hive, Docker, Kafka, Parquet, Ansible

Apr 2018 — Apr 2019

**Lead Java Developer, CloudBlue**

Moscow, Russia

Project:

- platform for sales automation of cloud services, consisting of OSS, BSS, and APS subsystems (clients - large world telecoms)

Accomplishments:

- allocated a separate microservice for user and account management from a massive monolith written on Java and C++
- organized an architectural committee of 10 tech leaders to discuss platform-wide issues

Technologies: Java 8, Spring (Core, AOP, Data), Hibernate, Liquibase, Docker, PostgreSQL

Jun 2014 — Apr 2018

**Chief Solutions Architect | Lead Java Developer,  
Sberbank-Technology**

Moscow, Russia

Project:

- credit risk assessment system for individuals and businesses (processing 50k clients, 1 100k integration interactions, 600k model calls per hour)

Accomplishments:

- developed the system from scratch to production (availability 99.99%)
- developed CI/CD processes from scratch (zero downtime upgrade)
- developed and implemented a strategy for the transition from a monolith to microservices
- scaled a development team across four cities from 3 to 25 engineers
- has gone from Senior Java Developer to Chief Solution Architect in 4 years

Technologies: Java 8, Spring (Core, AOP, Security, Data, Integration), Hibernate, JOOQ, Liquibase, Activiti BPM, Drools, Hazelcast, Oracle, PostgreSQL

- Nov 2011 — May 2014 **Java developer, Neoflex** Moscow, Russia  
Developed and launched 3 complex systems for automating individual and legal risk management and loan issuance into production.  
Technologies: Java, Java EE, EJB, JSF, WebSphere AS, WebSphere PS, ESB, Oracle, AngularJS
- Sep 2010 — Oct 2011 **Junior Java developer, Akzia.Apps** Moscow, Russia  
Developed 4 backends for cross-platform mobile applications (iOS, Android, Java ME) and custom XMPP implementation.  
Technologies: Java, Play Framework, Hazelcast, PostgreSQL, XMPP
- Mar 2008 — Jun 2010 **Unix System Administrator, RBC** Moscow, Russia  
Ensured the performance of about 400 servers and services running on FreeBSD and Linux.

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## EDUCATION

- Sep 2005 — Jun 2011 **Master's degree in Computer Engineering, Bauman Moscow State Technical University** Moscow

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## SKILLS

Java	Hive
Spring	Parquet
Hibernate	System Design
Docker	DevOps
Hadoop	Kafka
HDFS	PostgreSQL

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LANGUAGES	Russian	Native speaker	English	Very good command
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