

ROMAN SURKOV

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Senior Java Software Engineer

Backend Java Developer delivering high-performance APIs, scalable microservices, and seamless integrations, with a proven record of building mission-critical fintech and government solutions.

Expert in Java 17+ and Spring Boot, focused on clean, testable code, modernizing legacy systems, and ensuring high availability under load. With solid skills in testing, CI/CD, and observability to deliver secure, stable, and maintainable releases.

Open to relocation or remote opportunities to bring expertise to an international team and contribute to impactful, innovative products.

Selected achievements

Delivered end-to-end integration with the Russian Unified Biometric System (UBS) ahead of schedule, ensuring regulatory compliance and enabling biometric payments and fraud-detection features.

Implemented digital signature (e-sign) flows for auto loans, tripling issuance volume and substantially improving customer experience.

Launched point-of-sale credit workflows for automotive dealerships, opening new revenue channels and strengthening dealer partnerships.

Migrated legacy microservices to Java 17+ and Spring Boot 3.x, increasing maintainability, performance, and scalability; added unit & integration tests and configured Jenkins builds.

Built and published AI-driven job-search platform. Try it at <https://jeeker.one>

Core competencies

Java 17+
MongoDB
Kafka

Kotlin
Docker
RabbitMQ

Spring Framework
Git
ELK/Kibana

Microservices
CI/CD
FinTech

REST API
Jenkins
Agile

PostgreSQL
JUnit/Mockito
Scrum

Professional experience

Lead Software Engineer

12.2023 - now

Alfa-Bank

1y 8m

- Delivered mission-critical biometric functionality to meet new regulations, including two-way integration with the Unified Biometric System (UBS).
- Implemented upload of biometric data and consumption of vector-based identifiers from UBS.
- Migrated microservices to Java 17+ and Spring Boot 3.x; added unit & integration tests and configured Jenkins builds.
- Improved monitoring and incident response through structured logs and dashboards.
- Served as Scrum Master: led Agile ceremonies and backlog grooming to increase delivery cadence.
- Enabled biometric features in production: branch queueing, biometric payments (bio-acquiring), fraud detection, and staff-assisted confirmations.

Senior Software Engineer

10.2021 - 12.2023

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|--|-------------------|
| It-one | 2y 2m |
| <ul style="list-style-type: none"> - Launched credit application workflows in dealership points of sale, among the first on the market. - Implemented e-signature flows for loan documents, increasing loan issuance threefold. - Enabled cross-flow reuse of declined applications, increasing approvals by ~10%. - Built core banking software for one of the largest financial institutions in the country. | |
| Java Developer | 09.2020 - 10.2021 |
| Colvir Software Solutions | 1y 1m |
| <ul style="list-style-type: none"> - Maintained and enhanced the company's flagship banking product features. - Implemented a multithreaded market-data receiver for KASE exchange: multicast UDP handling, deduplication and fault tolerance. | |
| Backend Developer | 07.2020 - 09.2021 |
| Codemark | 1y 2m |
| <ul style="list-style-type: none"> - Developed backend modules for sports federation and election systems. - Implemented fuzzy search (vector similarity and trigram) and automated data ingestion with quality checks. | |
| Engineering Expert & Team Lead | |
| EY / SIBUR / Rostelecom / Sys / Ets | 2y |
| <ul style="list-style-type: none"> - Led engineering projects for power plants, hydro stations, and spaceport systems. - Oversaw construction monitoring, compliance, and team coordination | |

Education

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|---|----|
| Amur State University | 5y |
| Faculty of Power Engineering Specialist Degree – Engineering of Power Plants | |
| Skillbox | 1y |
| Java Developer Certificate | |

Certifications

JetBrains Academy (Hyperskill), Kotlin Developer, 12.2024

Stepik, Ansible for Beginners + Hands-on Experience, 01.2024

Stepik, Kubernetes for Users, 12.2023

Specialist Training Center, Refactoring as a Systematic Approach, 06.2023

Udemy, FullStack: Angular and Java SpringBoot E-Commerce Website, 10.2023

IBS Training Center, Design Patterns (GoF). Java Edition, 05.2023

IBS Training Center, Java Efficiency & Tooling, 12.2022

Mail.ru, Web Service Development in Java, 04.2020

Fluent Cities, Business English Intermediate,

Management Systems, Project Management with Oracle Primavera, 08.2015