ROMAN SURKOV

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Senior Java Software Engineer

Experienced and results-oriented Java Developer with a strong focus on backend development and microservices architecture.

Proven ability to deliver high-quality software across fintech and government sectors, including mission-critical systems.

Delivered regulatory-compliant biometric solutions and operational features that improved business processes, reduced time-to-decision and increased product throughput.

Proven track record of driving business impact: launched dealer-credit processes, implemented digital-signature flows that tripled loan issuance, and increased credit conversions by ~10% through cross-flow integrations.

Actively seeking remote or relocation opportunities to join international teams and work on impactful, innovative products.

Core competencies

Java/Kotlin	Team Leadership	OOP	FinTech	Kibana	Spring Framework
Docker	CI/CD	Jira/Confluence	Liquibase	JSON	SQL
Microservices	Agile/Scrum	Teamcity	REST API	SpringBoot	CamundaBPM
Git/Bitbucket	Gradle/Maven	PostgreSQL	MongoDB	Kafka	JUnit/Mockito

Professional experience

Lead Software Engineer
12.2023 - now

Alfa-Bank   1y 8m

- Implemented urgent integration to upload collected biometric data to the national Unified Biometric System (UBS) to meet new government regulations, delivered within tight timelines.

- Designed and implemented reverse integration to consume vector-based biometric identifiers from UBS, enabling state-sourced biometric authentication.

- Re-architected biometric processing pipelines and parallelized vector creation and metadata processing to improve throughput and reliability.

- Migrated microservices to a modern stack (Java 17+, Spring Boot 3.1+); upgraded libraries and introduced unit and integration tests to reduce regressions.

- Configured Jenkins for automated builds and established baseline CI/CD processes adapted to infrastructure constraints. Improved observability with Fluent Bit logging, reducing time-to-investigation for incidents.

- Served as Scrum Master: led Agile ceremonies, backlog grooming and cross-team coordination to increase delivery cadence.

- Impact: system now supports branch queuing, bio-payments, fraud-detection workflows, confirmation of suspicious operations, and staff-operated transaction flows.

Senior Software Engineer
10.2021 - 12.2023

It-one   2y 2m

- Built core banking software for one of the largest financial institutions in Russia.

- Implemented a digital signature solution for loan processing, increasing issuance volume x3.

- Decomposed monolithic services into microservices and optimized CI/CD pipelines.

- Boosted code test coverage and improved deployment reliability.

Java Developer
09.2020 - 10.2021

Colvir Software Solutions   1y 1m
- Maintained and enhanced the company's flagship banking product.

- Implemented a robust multithreaded market-data receiver for the KASE exchange: handled UDP multicast streams with duplicate detection and unreliable delivery.

Backend Developer
07.2020 - 09.2021

Codemark   1y 2m
- Built backend features for a sports federation portal and government electoral system interface.

- Implemented two fuzzy-search approaches: vector similarity search and trigram-based approximate matching for flexible lookups.

Engineering Expert & Team Lead

EY / SIBUR / Rostelecom / Sys / Ets   2y
- Designed substation and power-line projects, and developed engineering systems for Vostochny Cosmodrome and Bureyskaya HPP.

- Monitored construction and equipment delivery for Blagoveshchenskaya TPP and Amur Gas Processing Plant; ensured documentation and quality compliance.

Education

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

JetBrains Academy (Hyperskill), Kotlin Core, 11.2024

JetBrains Academy (Hyperskill), Introduction to Kotlin, 10.2024

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

GeekBrains, Java Beginner to Advanced Test Suite, 05.2020

Fluent Cities, Business English Intermediate,

Management Systems, Project Management with Oracle Primavera, 08.2015