ROMAN SURKOV

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Senior Java Software Engineer

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

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

Skilled in leading teams, mentoring junior developers, and streamlining development processes using Agile methodologies and modern DevOps practices.

Passionate about clean code, scalability, and solving complex business challenges with efficient technical solutions.

Actively seeking a remote or relocation opportunity to contribute to an international team 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

- Developed and delivered critical biometric system functionality in response to changing government regulations, including integration with the Unified Biometric System (UBS).

- Built functionality for both sending biometric data to UBS and receiving vector-based biometric identifiers in return.

- Refactored biometric data processing flows to decouple metadata operations and vector creation into parallel threads, improving performance and reliability.

- Implemented biometric-based authentication for payment operations (bio-acquiring).

- Migrated all project microservices to a modern tech stack: Java 17+, Spring Boot 3.1+.

- Set up Jenkins for automated builds and integrated partial CI/CD workflows within existing infrastructure constraints.

- Established structured logging and observability practices using Fluent Bit and Kibana, significantly improving incident response time.

- Served as Scrum Master, facilitating Agile ceremonies, backlog grooming, and improving team delivery velocity.

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.
- Developed a multithreaded market data receiver for stock exchange multicast traffic.

Backend Developer
07.2020 - 09.2021

Codemark   1y 2m
- Built backend features for a sports federation portal and electoral system interface.
- Integrated PostgreSQL full-text search and implemented mass data processing modules.

Engineering Expert & Team Lead

EY / SIBUR / Rostelecom / Sys / Ets   2y
- Managed large infrastructure projects including Bureyskaya HPP and Vostochny Spaceport.
- Led a 15-person design team and oversaw construction monitoring and documentation compliance.

Education

Amur State University   5y
    Faculty of Power Engineering
    Specialist degree in Engineering of Power Plants

Skillbox   1y
    Student of the "Java Developer" course

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