

Vadim Rodionov

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SUMMARY

Senior Java Backend Engineer with 6+ years of commercial experience building, modernizing, and maintaining high-load enterprise and distributed systems.

Experienced in Java, Spring Boot, Spring Cloud, microservice architecture, Kafka, RabbitMQ, Kubernetes, Docker, PostgreSQL, and Oracle. Strong background in modernizing large legacy systems and integrating independent information systems.

Worked on government-scale information systems serving approximately 40,000–50,000 daily users, processing hundreds of thousands and potentially millions of requests per day, and handling tens of terabytes of data.

Strong in system design, troubleshooting and root-cause analysis, production problem solving, architectural decision-making, CI/CD, monitoring, and code review. Experienced in mentoring developers and leading technical work within small backend teams.

EDUCATION

Samara University

Design, Production and Operation of Rockets and Space Rocket Complexes

September 2018 – January 2019

Lomonosov Moscow State University

Computational Mechanics and Cybernetics

September 2019 – January 2020

EXPERIENCE

Senior Java Software Developer

February 2026 – August 2026

ARTA Limited

Development and modernization of an enterprise low-code platform used by businesses to automate processes.

- Developed new backend functionality and maintained existing platform components.
- Optimized the platform to support approximately 7,000 concurrent users under significantly constrained infrastructure resources.
- Contributed to the architectural modernization of the platform and migration from a legacy core to a modern technology stack.
- Developed a new application core using Java 25 and Spring Boot.
- Implemented a gradual migration strategy allowing legacy and modern cores to operate in parallel, enabling a phased transition without noticeable impact on end users.
- Developed and modernized backend components based on Java EE, JBoss, and ActiveMQ.
- Identified and fixed numerous security vulnerabilities, contributing to successful security certification in Kazakhstan.
- Worked as one of three senior backend developers, with primary responsibility for modernization and development of the application core.
- Technologies: Java 7, Java EE, Java 25, Spring Boot, JBoss, ActiveMQ

Java Software Developer / Senior Java Developer

February 2020 – December 2025

Esepsi.kz LLP

Development and maintenance of government-level information systems for the State Revenue Committee of the Republic of Kazakhstan.

- National-scale tax information system: A large distributed information system used by taxpayers and government organizations across Kazakhstan.

- System scale: Approximately 40,000–50,000 daily users; hundreds of thousands and potentially millions of requests per day; tens of terabytes of stored and processed data.
- Developed and maintained backend components of a large-scale distributed system.
- Participated in the modernization and gradual migration from a legacy architecture to a modern microservice-based architecture.
- Designed and developed new microservices using Java 11, Spring Boot, Spring Cloud, Kubernetes, Docker, and PostgreSQL.
- Made architectural and technical decisions affecting the evolution of the system.
- Developed solutions for high-load workloads and distributed system components.
- Integrated legacy components with modern microservices.
- Set up and maintained CI/CD processes.
- Set up and improved monitoring and logging infrastructure.
- Investigated and resolved critical production issues across application code, databases, infrastructure, and interactions between distributed components.
- Conducted code reviews and provided technical guidance to less experienced developers.
- Led two junior developers.
- Conducted technical interviews for software engineering candidates.
- Legacy systems and enterprise integrations: Maintained and modernized systems based on Java 7/8/11, WebLogic, Oracle, OSB, and SOA.
- Participated in application migrations from Java 7 to Java 11.
- Developed complex database-side logic using PL/SQL, including procedures, stored functions, and packages.
- Developed and maintained integrations based on SOAP and XML.
- Worked with XSD, XSLT, and XPath.
- Integrated legacy systems with modern microservices.
- Developed and maintained integrations between independent information systems.
- Additional project: Participated in the development and maintenance of a high-load data warehouse for the State Revenue Committee of the Republic of Kazakhstan. The system served other government information systems and operated with large volumes of data and government-scale workloads.

TECHNICAL SKILLS

Languages: Java 7, 8, 11, 25, SQL, PL/SQL, PL/pgSQL

Backend: Spring Boot, Spring Cloud, Java EE

Architecture: Microservices, distributed systems, high-load systems, legacy modernization

Messaging: Apache Kafka, RabbitMQ, ActiveMQ

Databases: PostgreSQL, Oracle

Cloud & Infrastructure: Kubernetes, Docker, Linux

Integration: REST, SOAP, XML, XSD, XSLT, XPath

Application Servers: JBoss, WebLogic

CI/CD: GitLab CI

Monitoring & Logging: Elastic Stack

Build & Development Tools: Maven, Gradle, Ant, Git, GitLab, Jira

PROFESSIONAL STRENGTHS

- Strong troubleshooting and root-cause analysis skills - Ability to independently deliver tasks from requirements analysis and solution design through development and deployment - Strong systems thinking and understanding of distributed systems - Experience making architectural and technical decisions - Experience working with both modern cloud-native technologies and complex legacy systems - Experience mentoring developers and providing technical guidance - Comfortable working with complex enterprise environments and production-critical systems