

Konstantin Alaev

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ABOUT

Backend Team Lead with **7+ years** of commercial experience in Java development, working in teams ranging from 5 to 15 members, both remotely and on-site. Successfully built complete development cycles: from requirements gathering to establishing fully automated release processes with high test coverage, comprehensive analytics, and CI/CD pipelines. Expert in high-load distributed systems and performance optimization. Proficient in Spring ecosystem, PostgreSQL, Apache Kafka, Kubernetes, and modern DevOps practices.

EXPERIENCE (7+ YEARS)

Team Lead Backend	April 2024 – Present
<i>Sber</i>	<i>Tbilisi, Georgia</i>
<ul style="list-style-type: none">• Leading Platform V development team - a mission-critical high-load data processing service handling millions of daily transactions with 99.95% uptime SLA• Managing team of 5 backend developers, conducting code reviews, mentoring junior engineers, and establishing engineering best practices across the organization• Architected and implemented intelligent auto-load balancing system for Kafka integration service using Spring Cloud and Kubernetes, increasing availability from 99.3% to 99.95% and eliminating downtime during peak loads• Spearheaded technical debt reduction initiative, decreasing debt by 46% through systematic refactoring, establishing code quality metrics with SonarQube, and increasing test coverage from 17% to 82% using JUnit and Mockito• Tech stack: Java 17, Spring Boot, Spring Cloud, PostgreSQL, Apache Kafka, Redis, Kubernetes, Docker, Prometheus, Grafana, GitLab CI/CD	
Senior Software Engineer	Sep. 2022 – April 2024
<i>X5 Tech (Retail Technology)</i>	<i>Tbilisi, Georgia</i>
<ul style="list-style-type: none">• Developed backend services for X5 Retail Group's internal analytics and inventory management platform serving 15,000+ stores across Russia• Achieved 200x performance improvement by optimizing complex aggregating queries from 60 seconds to 300 ms through PostgreSQL query rewriting, proper indexing strategies, and database schema optimization• Designed and implemented production-ready library for PostgreSQL master-replica topology with automatic failover, reducing master database load by 37% and accelerating API response times by 23% through intelligent read-write splitting• Tech stack: Java 11, Kotlin, Scala, Spring Boot, Spring Data, PostgreSQL, Redis, Kafka, Docker, Jenkins, ELK Stack	
Software Engineer	Sep. 2018 – Sep. 2022
<i>Orbsoft (Fintech)</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none">• Developed core backend systems for multi-currency payment application supporting card issuance, peer-to-peer transfers, and international payments for 10,000+ active users• Built RESTful APIs for mobile applications using Spring Boot and Hibernate, ensuring high availability and fault tolerance with Circuit Breaker patterns (Resilience4j)• Tech stack: Java 8/11, Spring Boot, Spring Security, Hibernate, PostgreSQL, MongoDB, Docker, REST API, JUnit, Mockito	

TECHNICAL SKILLS

Languages: Java, Kotlin, SQL (PostgreSQL), Go, JavaScript, TypeScript

Frameworks: Spring (Boot, Cloud, Data, Security, MVC), Hibernate/JPA, Apache Kafka, React, Resilience4j, Micrometer

Databases: PostgreSQL (advanced optimization), Redis, MongoDB, ClickHouse, Liquibase, Flyway

DevOps & Tools: Docker, Kubernetes, GitLab CI/CD, Jenkins, Git, Maven, Gradle, Prometheus, Grafana, ELK Stack, SonarQube

Testing & Libraries: JUnit, Mockito, TestContainers, MapStruct, Lombok, Jackson, Apache Commons

EDUCATION

Bauman Moscow State Technical University

Bachelor of Information Systems and Technologies

Moscow, Russia

Sep. 2019 – June 2023