

Konstantin Alaev

+995 571 36 73 84 (GMT+4) | alaevdev@gmail.com | [linkedin.com/in/konstantin-alaev](https://www.linkedin.com/in/konstantin-alaev) | github.com/alaev-dev

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

Sber

Tbilisi, Georgia

- 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

X5 Tech (Retail Technology)

Tbilisi, Georgia

- 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

Orbsoft (Fintech)

Moscow, Russia

- 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