Egor Khomyakov

Java Backend Engineer

Moscow | Open to roles in the CIS and Europe | noxte356@yandex.ru | Telegram: @Noxte356

PROFILE

Java engineer with 4+ years of experience in public-sector and banking projects. I build backend services for large datasets and complex business rules, with an emphasis on PostgreSQL performance and automated testing.

FEATURED PROJECT

Nationwide address registry import and search

Designed and implemented all stages of a pipeline that cut measured import time from several months to two days. Used checkpointed HTTP Range downloads, parallel regional XML imports into PostgreSQL partitions, `ltree` with GiST for address hierarchy lookups, and GIN-indexed full-text search.

EXPERIENCE

BFT Holding | Java Developer

Nov 2025 - Present

- Took responsibility for a pension calculation service, shipped new eligibility and benefit calculation rules, and added its first unit tests.
- Built an audit workflow across the frontend and backend and used profiling to fix performance bottlenecks before a client demonstration.

Digital Economy League | Java Developer

Dec 2023 - Nov 2025

- Built and integrated services in a system of roughly 30 microservices. Added offline support with synchronization and redesigned caching for a JavaFX application.
- Cut a PostgreSQL reporting query from about four seconds to tens of milliseconds. Migrated an application from Java 8 to Java 21 and rebuilt its search with Elasticsearch.
- Reviewed code and mentored interns.

Horizon LLC | Java Developer

Jun 2022 - Dec 2023

- Developed features for a banking web application, worked on HTTP integrations, fixed defects, and refactored services.

TECHNICAL SKILLS

Java 8/11/17/21, Spring Boot, Hibernate, PostgreSQL, Elasticsearch, Redis, Kafka, RabbitMQ, REST, gRPC, Docker, Kubernetes, JUnit, Mockito, Testcontainers

EDUCATION AND LANGUAGES

Synergy University, Moscow | Faculty of Information Technology | 2025

Russian (native) | English (B1)