

ELIZAVETA KOTELNIKOVA

Java/Kotlin backend developer

📍 Saint Petersburg, Russia

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🌐 elizavetakotelnikova

WORK EXPERIENCE

Kotlin Backend developer

T-Bank

📅 Okt 2024 – Ongoing

📍 Saint Petersburg, Russia

- Implemented backend for multiple new services, now actively used by bank employees, boosting work efficiency, measurability, and overall convenience
- Migrated services' data to a centralized Data Warehouse (DWH), improving system reliability and enabling analytics of business processes
- Established microservice communication and developed API integrations with existing bank infrastructure, ensuring interoperability and incorporation of newly developed services
- Achieved 70% code coverage through integration and unit testing, reducing system defects and enhancing overall stability

RELATED EXPERIENCE

Algorithms and data structures TA

ITMO University

📅 Sep 2023 - Jan 2025

📍 St. Petersburg, Russia

- Designed and implemented algorithmic tasks/solutions using C++
- Organized and guided multiple student groups, ensuring a structured and effective learning process

Backend Developer

"VK & ITMO Mini-apps" Hackathon

📅 Oct 2024

📍 St. Petersburg, Russia

- In a team of three, built and deployed backend for a university application
- Designed and implemented API to enable frontend interaction

Backend Developer

"NoLabel Competiton" Hackathon

📅 Jan 2024

📍 St. Petersburg, Russia

Prize in the "Best MVP" category

- Developed RESTful webservice in the team of 3 backend and 2 frontend developers
- Designed database structure, used PostgreSQL to manage data, implemented Data Access Layer
- Collaborated on business logic development
- Worked on technical specification, ensuring all usecases are well-documented
- Achieved high test coverage from writing unit and integration tests

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Yandex IT TA Competition

Winner of the IT Teaching Assistant Competition 2024

EDUCATION

BSc, Software Engineering

ITMO University

📅 Sept 2022 – June 2026

SKILLS

Programming Languages

Kotlin Java Go SQL

Technologies

Spring Framework Kafka

RabbitMQ PostgreSQL

MongoDB

Tools

Docker Linux Git

Prometheus Grafana

GitLab CI/CD

LANGUAGES

- English - advanced (C1)
- German - intermediate
- Russian - native

PROJECTS

UserInfoService

Spring-powered web-application that manages users' information (Java, Spring Framework, PostgreSQL)

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Custom programming language

In a team of four, implemented a custom programming language: Parser, Lexer, JIT and GC (C++, LLVM)

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