

# ELIZAVETA KOTELNIKOVA

Java/Kotlin backend developer

📍 St. Petersburg, Russia

✉ [elizaveta1408li@gmail.com](mailto:elizaveta1408li@gmail.com)

🌐 [elizavetakotelnikova](https://github.com/elizavetakotelnikova)

📞 89816999984

tg: @kotelnikova14

## 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

🌐 [elizavetakotelnikova/Let-s-lunch-app](https://github.com/elizavetakotelnikova/Let-s-lunch-app)

**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)

🌐 [elizavetakotelnikova/UserInfoService](https://github.com/elizavetakotelnikova/UserInfoService)

Custom programming language

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

🌐 [elizavetakotelnikova/own-prog-lang](https://github.com/elizavetakotelnikova/own-prog-lang)