

# ELIZAVETA KOTELNIKOVA

Java/Kotlin backend developer

📍 St. Petersburg, Russia

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## 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](#)

**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](#)

ExpensesCalculator

Console application to summarize expenses by month/group/code. Used algorithms and data structures alongside OOP patterns to provide command handling.

🌐 [elizavetakotelnikova](#)