

# ELIZAVETA KOTELNIKOVA

Java/Kotlin backend developer

📍 St. Petersburg, Russia

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## WORK EXPERIENCE

Kotlin Backend developer

**T-Bank**

📅 Oct 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

- Engineered and deployed backend for a university mini-app from scratch in 48 hours using NodeJS, PostgreSQL and Docker
- Designed and implemented a RESTful API that handled all frontend interactions and integrated with VK's platform APIs for user authentication and data retrieval

Backend Developer

**"NoLabel Competiton" Hackathon**

📅 Jan 2024

- Engineered a RESTful web service from the ground up that won the "Best MVP" prize
  - Owned the data layer: designed the database schema, implemented a efficient Data Access Layer (DAL), managing data using PostgreSQL
  - Developed business logic and usecases to be handled via API
  - Ensured that all API endpoints are specified and well-documented
  - Achieved high test coverage from writing unit and integration tests
- 🔗 elizavetakotelnikova/Let-s-lunch-app

## EDUCATION

BSc, Software Engineering

**ITMO University**

📅 Sept 2022 – June 2026

## SKILLS

Programming Languages

Kotlin Java Go SQL

Technologies

Spring Framework Kafka

RabbitMQ PostgreSQL

MongoDB S3

Tools

Docker Linux Git

Prometheus Grafana

GitLab CI/CD

## LANGUAGES

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

## ACHIEVEMENTS

Winner of the Yandex IT Teaching Assistant Competition 2024