

# Elizaveta Kotelnikova

## Java/Kotlin Software Engineer

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### Education

ITMO University, BSc in Software Engineering

Sept 2022 – June 2026

### Experience

#### Java/Kotlin Software Engineer

Oct 2024 - Ongoing

T-Bank (ex. Tinkoff) - one of the world's largest digital banks

- 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, projects and achievements

#### Algorithms and data structures TA

Sept 2023 - Jan 2025

ITMO University

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

#### Backend Developer - Quest service for students

Oct 2024, itmo-quest-service

"VK & ITMO Mini-apps" Hackathon

- 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 - Networking website

Jan 2024, lets-lunch-app

"NoLabel Competiton" Hackathon

- Engineered a RESTful web service from the ground up that won the "Best MVP" prize
- Designed the database schema, implemented a Data Access Layer, managed data using PostgreSQL
- Developed business logic and usecases, ensured that all API endpoints are specified and well-documented
- Achieved high test coverage from writing unit and integration tests

#### Winner of the Yandex IT Teaching Assistant Competition 2024

2024

### Languages

English - Advanced (C1), German - Intermediate (B1), Russian - Native

### Technologies

**Languages:** Java, Kotlin, Golang, SQL

**Technologies:** Spring Framework, Docker, Kafka, PostgreSQL, S3, Git, Gitlab CI/CD, Prometheus, Grafana