

# Felix Desyatirikov

Kotlin/Java Backend Engineer, **6 year** experience  
GMT+3

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## About

Kotlin/Java backend developer with **6 year** of commercial experience, working in teams ranging from 5 to 20 members, in both **monolith** and **microservices** architectures. Built **full cycle of development**: from gathering product owner requirements to establishing fully automated release process with high test coverage and cutting edge CI/CD and DevOps practices. Had multiple contributions to **Open Source**: Spring Projects, Hibernate ORM, Kotlin.

In addition to core Kotlin/Java backend knowledge, has expertise in Kubernetes and microservice-based architecture. Passionate about the evolution of Spring Ecosystem and ML/AI approaches and stay up-to-date with these trends. My hobby is building a personal brand by presenting tech talks at conferences, publishing scientific articles and contributing to Open Source.

## Skills

**Java/Kotlin** Spring Boot, Spring Data JPA, Hibernate ORM, Spring Data JDBC, JOOQ, Apache Kafka, RabbitMQ, WebFlux, R2DBC, Project Reactor, Keycloak, Camunda BPM, PostgreSQL, Liquibase, MongoDB, Redis, Apache NiFi, OpenAPI, Mockito, TestContainers, gRPC, SQL, NoSQL, Spring Security

**Architecture** DDD, TDD, BDD, Hexagonal Architecture, Microservices

**DevOps** Kubernetes, OpenShift, Microservices, Docker, Vagrant, Docker Compose, CI/CD, Ansible, Linux, Prometheus, Grafana, MinIO, Google Cloud Platform

**ML** CatBoost, PyTorch, RAG, NLP, LLM

## Experience

**6 year**

### VK

Senior AI Software Engineer

**6 month**

Jul 2025 - present

- **Designed and documented a unified approach** to integrating with the internal cloud platform, aligning practices across multiple teams and improving the efficiency of cloud integration development
- Built a **one-click provisioning system** for recommendation platform namespaces (**SaaS**), **dramatically reducing** environment setup time for new VK products
- Developed **ML-based partition balancing system** for an in-house stream data processing solution

**Stack:** Java 21, Spring Boot, YTaurus, Apache Kafka, Kubernetes

### T1 Innotech

Senior Backend Developer

**1 year**

Jul 2024 - Jul 2025

- Developed a [composite fine-grained access checker for entity hierarchy](#). This feature **significantly enhances data security** of the system
- **Split the monolith** to a bunch of microservices to improve **scalability** and **durability**

**Stack:** Java/Kotlin, Spring Boot, Hibernate, PostgreSQL, Apache Kafka, Apache ActiveMQ

### Bell Integrator

Backend Developer

**1 year 8 month**

Nov 2022 - Jul 2024

- Implemented the enrichment for traffic accounting tables for to reduce traffic accounting time by **23%**
- Developed a network zone monitoring service that automatize **15%** of work performed by InfoSec team while finding misconfigured network switch
- Increased the test coverage in core service from **50%** to **80%** to reduce the number of security team-reported bugs

**Stack:** Java/Kotlin, Spring Boot, JOOQ, Hibernate, PostgreSQL, Apache NiFi, Apache Kafka

### Inline Group

Backend Developer

**1 year 8 month**

Mar 2021 - Nov 2022

- Developed a service for displaying analytics on employee action results, increasing workflow analysis speed by **30%**
- Developed a **Computer Vision** service to reduce defect analysis time by **20.7%**
- Increased the number of unit tests from **2,058** to **3,891** to reduce support requests

**Stack:** Java/Kotlin, Python, Android, Spring Boot, JOOQ, Docker, Docker Compose, PostgreSQL

### StroyService

Full-stack Developer

**9 month**

Jun 2020 - Mar 2021

- Backend/Frontend development of a corporate logistical system

**Stack:** Java, Spring Boot, Hibernate, PostgreSQL

## Education

«Applied Mathematics and Computer Science» - Voronezh State University, Voronezh, Russia

**Master's degree**

«Applied Mathematics and Computer Science» - Voronezh State University, Voronezh, Russia

**Bachelor's degree**

## Certificates

[Architecting with Google Kubernetes Engine Specialization](#)

**Mar 2024**

## Papers

[Scopus](#) [Web of Science](#) [IEEEExplore](#)

## Languages

**Russian** Native proficiency

**English** Professional working proficiency