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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

<b>Java/Kotlin</b>	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
<b>Architecture</b>	DDD, TDD, BDD, Hexagonal Architecture, Microservices
<b>DevOps</b>	Kubernetes, OpenShift, Microservices, Docker, Vagrant, Docker Compose, CI/CD, Ansible, Linux, Prometheus, Grafana, MinIO, Google Cloud Platform
<b>ML</b>	CatBoost, PyTorch, RAG, NLP

Experience

6 year

VK

Senior AI Software Engineer

- 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, YTsaurus, Apache Kafka, Kubernetes

6 month

Jul 2025 - present

T1 Innotech

Senior Backend Developer

- 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

1 year

Jul 2024 - Jul 2025

Bell Integrator

Backend Developer

- 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

1 year 8 month

Nov 2022 - Jul 2024

Inline Group

Backend Developer

- 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

1 year 8 month

Mar 2021 - Nov 2022

Stroyservice

Full-stack Developer

- Backend/Frontend development of a corporate logistical system

Stack: Java, Spring Boot, Hibernate, PostgreSQL

9 month

Jun 2020 - Mar 2021

## Education

«Applied Mathematics and Computer Science»  
Voronezh State University, Voronezh, Russia  
**Bachelor's degree**

«Applied Mathematics and Computer Science»  
Voronezh State University, Voronezh, Russia  
**Master's degree**

## Certificates

Architecting with Google Kubernetes Engine Specialization

Mar 2024

## Papers

Scopus

Web of Science

IEEEExplore

## Languages

RussianNative proficiency

EnglishProfessional working proficiency