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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, S3, MinIO, Google Cloud Platform

ML CatBoost, PyTorch, RAG, NLP, LLM

Experience

6 year

VK

Senior AI Software Engineer

6 month

Jul 2025 - present

- Built a "**one-click" namespace provisioning system**" for a **SaaS** recommendation platform, which **dramatically ускорил** environment setup for new VK products, reducing DevOps effort by **25 person-hours per namespace**.
- Designed the architecture, implemented, and documented** a unified approach to integrating with the internal cloud platform, enabling **alignment across multiple teams and faster development** of cloud integrations
- Developed an **ML-based partition balancing system** for an in-house stream processing solution, **reducing mean event processing time by 17.3%**

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

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1 year

Senior Backend Developer

Jul 2024 - Jul 2025

- Designed a composite access control system for an entity hierarchy. Presented it at the [international Java conference "Joker"](#). The rollout of this feature **significantly improved data security**
- Led observability and availability initiatives** within the team. Refactored availability indicators and developed a business metrics export library, **reducing incident response time (MTTD) by 35%**
- Led an architectural refactoring of the system. As a result, **response time was reduced by 1.8x and resource consumption by 2x**

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

Bell Integrator

1 year 8 month

Backend Developer

Nov 2022 - Jul 2024

- Implemented enrichment of network traffic accounting matrices, reducing data processing time by **23%** and lowering operational costs for infrastructure analytics by approximately **18%**
- Developed a network zone monitoring service, automating **40%** of the InfoSec team's manual operations when detecting misconfigured network switches, which reduced average incident response time by **30%** and decreased the risk of service downtime
- Increased test coverage from **50%** to **80%**, which led to a **35% reduction** in the number of incidents reported by InfoSec engineers and accelerated the release of standard features to production by **20%**

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

Inline Group

1 year 8 month

Backend Developer

Mar 2021 - Nov 2022

- Developed a service for displaying analytics of 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

9 month

Full-stack Developer

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