Mikhail Scherbachenya

Junior Kotlin Backend Developer

Personal details

👤 Mikhail Scherbachenya

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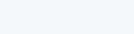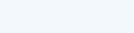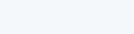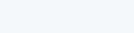
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🏠 Minsk

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Skills

Kotlin	●●●●●
Java	●●●●●
Scala	●●●○○
OOP	
REST API	
GraphQL	
Camunda BPM	
SQL Databases	
Kanban	
Docker	
Kubernetes	
Git	

Languages

Russian	●●●●●
Belarusian	●●●●●
English	●●●○○

Employment

Junior developer   **Aug 2025 - Present**
T-Team: Belarus, Minsk
Developed stateful process orchestration services using Kotlin, Spring Boot, and Camunda, following a Kanban-driven workflow. Modeled BPMN processes and implemented them using BDD. Built fault-tolerant architecture using Kafka for async messaging. Designed operational dashboards to provide real-time visibility into process performance and business KPIs. Focused on enhancing system stability and performance while supporting and evolving existing services. Built streamlined CI/CD pipelines specifically for BPMN-based development.

Technical skills

Languages: Kotlin 1.7-2 (+DSL), Java 8-21, SQL, Scala 2-3, Python, C++
Frameworks & Libraries: Camuda BPM, Spring Boot 2-3, Spring Security, Cloud, MVC, JPA, Servlet API, KLogging, Thymeleaf, Lombok
Build tools: Maven, Gradle, SBT (Scala)
Web & API: REST, GraphQL, JWT, JSON, XML
Testing: Mockk, Kotest, JUnit 5, AssertJ, Mockito, TestContainers, Awaitility, Openqa
Databases: PostgreSQL (+pgvector), Microsoft SQL Server
Database Tools: Liquibase, JDBC, ORM Hibernate
Messaging & Async: Spring WebFlux, Kafka, Zookeeper, Akka (Scala)
DevOps & Tools: Docker, Kubernetes, Git, GitHub Actions
Other Technologies: Spring AOP, AspectJ, Prometheus, Grafana

Projects

1. **Telegram Bot for Link Tracking**: Developed a Telegram bot that monitors GitHub and Stack Overflow links for updates and sends notifications to subscribed users. Built with Java and Spring Boot, featuring asynchronous processing, Kafka-based communication, and persistent storage.
2. **E-commerce Phone Store:** Created a small online store for selling phones using Java and the Servlet API. Implemented full e-commerce functionality including product listing, product details, shopping cart, order overview and order processing.
3. **AI-Powered Article Publishing Platform:** Built a fully asynchronous article publishing website with AI query support. Features include a custom frontend, backend microservices communicating via Kafka. Integration with AI models created via stateful reactive adapter.

Education

Bachelor's degree, Applied Mathematics   **Sep 2022 - Jul 2026**
Belarusian State University, Minsk

Courses

Java + Web – Expert Soft   **Feb 2025**
A hands-on course from Expert Soft that explores Java web development using the Servlet API. The course includes building a full-featured e-commerce website, covering topics like MVC architecture, HTTP request handling, and session management.

Backend Development in Java – Spring 2024   **Feb 2024**
– Tinkoff Education
A Java backend development course by Tinkoff Education, focusing on building Telegram bot that track links. The course includes working with Spring Boot, REST APIs, kafka, and database.

Version Control with Git – EPAM Systems   **Jun 2023**
A practical course by EPAM Systems covering the essential concepts of Git and version control systems. Participants learn how to manage code repositories, collaborate effectively in teams, resolve conflicts, and use branching strategies.