

Kiryl Pryhozhy

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EDUCATION

Belarusian State University of Informatics and Radioelectronics

Computer Science and Programming Technology

Minsk, Belarus

Sept. 2021 – June 2025

ABOUT

As a third-year Computer Science student, I'm an aspiring junior Java developer with a focus on backend development. I completed a backend development course with Clevertec Company and actively explore new technologies, currently in microservices. Eager to contribute my skills and learn from impactful projects.

EXPERIENCE

Clevertec

Apprenticeship

February 2023 – June 2023

Remote

- Implemented comprehensive testing using JUnit, Mockito, AssertJ, SpringBootTest, and TestContainers
- Worked with SQL databases and implemented complex queries
- Developed applications using servlets and HTTP protocols
- Utilized Spring framework (Core, Web, AOP, Security, Data JPA, JDBC, Boot) for efficient development
- Utilized ORM with Hibernate for efficient database operations
- Applied CI practices and containerization using Docker

PROJECTS

News Management System | *PostgreSQL, Liquibase, Redis, Docker*

June 2023 – Present

- * Developing a RESTful web service for a news management system using Java 17 and Spring Boot 3.x
- * Implemented CRUD operations, pagination, and full-text search for news and comments
- * Integrated Liquibase for database schema management
- * Implemented caching using Redis and custom cache with LRU and LFU algorithms. Used Spring @Profile to switch between Redis and custom cache.
- * Used testcontainers, WireMock, SpringBootTest, AssertJ for unit and integration testing
- * Configured Docker and docker-compose for containerization
- * Implemented user registration and role-based access control using Spring Security, generating JWT in one microservice and utilizing them for secure authentication and authorization in another.
- * Created a separate microservice for user/role management and used spring-cloud feign-client for communication
- * Configured Spring Cloud Config for modularizing logging and exception handling

CheckGenerator | *Java, Spring Boot, Spring Data JPA, PostgreSQL, Gradle, Mockito, JUnit, iText* December 2022

- * Developed an application that allows generating checks with your purchase and saving them to a file
- * Implemented a REST API that responds to GET, POST, and DELETE methods
- * Utilized PostgreSQL as a storage for data, with two tables: discounts and products
- * Implemented custom cache for improved performance
- * Generated PDF of checks using iText library and applied a template for consistent formatting
- * Utilized XML format for responses to ensure structured and standardized data exchange

TECHNICAL SKILLS

Programming Languages: Java, SQL

Frameworks: Spring Framework (Core, Web, AOP, Security, Data JPA, JDBC, Boot)

Technologies: Docker, Redis, Swagger, JWT, Liquibase, PostgreSQL

Testing: JUnit, Mockito, AssertJ, SpringBootTest, TestContainers

Developer Tools: Git, IntelliJ Idea, Gradle, Maven

SOFT SKILLS

Languages: English - B1, Russian - native

Soft Skills: Effective Communication, Problem Solving, Teamwork and Collaboration, Adaptability and Flexibility, Time Management, Continuous Learning