Bandurin Vladislav

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✈ vbandurin7

Programming Skills

Java: Experience with java core for a 2.5+ years

Spring: Spring Framework/Spring Boot, Spring Data JPA, Spring Data JDBC

Database: PostgreSQL, MariaDB

Testing: Junit 4/5, Mockito, Testcontainers

Other: RabbitMQ, Docker, Liquibase, Grafana, Prometheus, Git, wrk2, async-profiler

Work Experience

Java Full Stack developer   **Saint-Petersburg, Russia**

Codeforces   *March 2023 - April 2024*

Supporting and adding new functionality to the platform, working on network-related user security, and developing the architecture of models, controllers, and routes that comply with modern Rest API standards. Additionally, I have experience working with servers on a hardware level and configuring computers in a local network.

Projects

High-Load Distributed Hash Table   *2024*

High-performance, distributed hash table system based on a NoSQL key-value database utilizing an LSM tree for data storage. Link: *https://github.com/vbandurin7/2024-highload-dht*

NoSQL LSM-based storage   *2024*

Embedded key-value storage based on LSM-tree technology, designed for efficient data retrieval and storage in resource-constrained environments. Link: *https://github.com/vbandurin7/2023-nosql-lsm*

Update Listener TG-Bot on Java   *2023*

Implementation of TGBot using TG-Bot API and many other technologies specified in 'Programming Skills'. As a part of the tasks, two web services were developed to monitor content updates via links. Link: *https://github.com/vbandurin7/update-listener-bot*

University projects   *2021 - 2024*

Some homeworks from university:
- Java-based LL(1) parser generator, obfuscator and parser for logical expressions over sets
- Multiple Java/Kotlin solutions for multithreaded programming tasks
- Haskell solutions for the functional programming course
You can find them here: *https://github.com/vbandurin7/ITMO*

Education

ITMO University, Russian Federation

Computer Technologies Department, Bachelor   *September 2021 - August 2025*

I am the 3rd year student of Computer Technologies Department at ITMO Undiversity. The educational program covers a variety of programming aspects, mathematics, provides knowledge on algorithms and data structures, as well as insights into computer architecture.

VK Education High-load course   *2024*

The course is designed to impart skills in designing, developing, and operating high-throughput distributed systems using Java.

VK Education NoSQL course   *2023*

Course targeted at mastering both in theory and in practice the key approaches to building modern distributed and fault-tolerant NoSQL data stores, examining the emerging challenges and industrial methods for solving them.

Tinkoff Java backend-development course   *2023*

Course focused on industrial development using Java. Throughout this course, I have gained experience working with a multitude of new technologies and have completed a project, as mentioned earlier (Telegram Bot).

Languages

Russian: Native

English: Level B2