

PAVEL KOVALENKO

Middle Java Software Developer

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EDUCATION

SPbSTU | Software Engineering 2020 - 2024

- **Stack:** Java, PostgreSQL, Spring (Boot, Web, Data, Security), Docker (+ Compose), Python

Technopolis | Highload Java Developer 2021 - 2023

- **Stack:** Java, Cassandra, Spark, Kafka, Airflow, Hadoop, Scala, JUnit, Kotlin

EXPERIENCE (TOTAL - 1 Y. 3 M.)

Zen | Java Developer Intern Mar 2023 – Jul 2023 (4 m.)

Stack: Java, ClickHouse, MongoDB, YDB, gRPC, Yandex.Monitoring, Python, TeamCity, Jira

I created a **monitoring and notification system** to monitor the status and performance of the service, ran **several A/B tests** that allowed me to find unused functionality, created **automatic Python scripts** for refactoring a large amount of code, and also **wrote documentation** about Zen monitoring systems.

Technopolis | Java Developer Feb 2023 – Jun 2023 (5 m.)

Stack: Java, Spring (Boot), PostgreSQL

In accordance with «the Odnoklassniki» business case, the team developed a dating bot to improve social communication within the company. I have **created interfaces and classes for interacting with PostgreSQL**, and also **added saving the history of user conversations** to improve the search for interlocutors

SPbSTU | Python Developer Feb 2022 – Jun 2022 (5 m.)

Stack: Python, SQLite, Docker, Telegram API

As part of the business task of «the Belarusian Cosmetics» company, I developed a bot in the team to protect media content from plagiarism. I **created interfaces and classes for interacting with SQLite**, **added archival photo processing**, and wrote documentation for the project

SPbSTU-based factory | Java Developer Oct 2021 – Jan 2022 (4 m.)

Stack: Java, Spring (Boot, Web, Data JPA, Security)

I was developing a system in the team to track the progress of the company's employees on the machines. I implemented a **global timer** to track the current time and **implemented several endpoints** on the backend.

PROJECTS

Technopolis | Java Developer Jan 2022 – Dec 2022

Stack: Java, Cassandra, HTTP REST API, JUnit

I was developing **my NoSQL database**, for which Cassandra was taken as a prototype. At the first stage, I implemented **Persistence, internal range queries and Compaction**. At the networking stage, I implemented **the HTTP REST API, asynchronous server, sharding, replication, asynchronous interaction and network range requests**.