

Yaroslav Kulagin

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EDUCATION

HSE

MASTER'S PROGRAMME INTERNET
OF THINGS AND CYBER-PHYSICAL
SYSTEMS

September 2023 - June 2025
Moscow, Russia

ITMO UNIVERSITY

BACHELOR OF COMPUTER
SCIENCE

September 2019 - June 2023
Saint Petersburg, Russia

SKILLS

PROGRAMMING LANGUAGES

Advanced

- Java

Intermediate

- C/C++ • Python

Novice

- JS/TS • Haskell • Kotlin • Clojure

TECHNOLOGIES

Collaborative development

- Git • Github • Gitlab

Databases

- MongoDB • PostgreSQL • YDB
• S3 • YT

Other

- Kafka • Docker • TeamCity

LANGUAGES

- Russian — Native
- English — C1

PROFESSIONAL SUMMARY

Software Java developer with 3 years of experience in delivering improves to high-load WEB applications. Proven abilities in Java to write flexible, clean and reliable code with Spring framework for dependency management. High level of expertise in Networking creating single routes and stand-alone WEB services using Spring Boot and Jetty

WORK EXPERIENCE

JAVA INTERN IN THE WEB APPLICATION PRODUCT TEAM AT DZEN 11.2021-03.2022

- Created test cases using JUnit for unit tests, Mockito for stubbing some unnecessary instances and Testcontainers for integration tests
- Deployed services using TeamCity tasks and Docker configurations with errors and metrics monitoring
- Wrote multiple .sh scripts to deliver improvements

JAVA DEVELOPER IN THE WEB APPLICATION PRODUCT TEAM AT DZEN 04.2022-09.2024

- Developed time efficient tasks for offline processing of large data tables that takes hundreds of gigabytes using Java Concurrency tools and minimized read/write operations from/to database
- Configured a balancer for the new stand-alone services and single routes
- Assisted in creating a new indexing infrastructure for users documents using Kafka to improve Dzen links search results in Google and Yandex and fixed inner verdicts impact on documents indexing behavior