Vladimir Prokhorov

Contact

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Languages

English Intermediate

Skills

Java ♥

PostgreSQL

Git

Linux

Spring

Education

2018 – Now

Department of Radio Engineering and Cybernetics,
Bachelor's + Master's degree in Applied Mathematics and Physics
Moscow Institute of Physics and Technology (MIPT) | Dolgoprudny, Russia
Department of Information Systems and Networks | Netcracker

Experience

Jul 2021 – Now

Netcracker
Software Developer

- Optimized and structured for better readability the code of an existing microservice written in Java by better organization of object dependencies;
- Maintained the working dev environments in Kubernetes by deploying vital microservices with properly configured parameters;
- Configured API for GraphQL queries in terms of new microservice.
- Developed unit tests for new Java component with high code coverage using JUnit5.

- Worked with message brokers: Kafka, RabbitMQ
- Developed new microservice using Spring, Maven and Jooq for data fetching from DB. Also work with PostgreSQL
- Know Docker and K8S (OpenLens/native dashboard), keycloak
- Worked with Swagger, Postman, REST api, GraphQL
- I've touched Redis, Kassandra
- I know Confluence and Jira, Agile (Scrum), Git
- Understand what is CI/CD, Jenkins, ElasticSearch, Prometheus (both slightly understand)

Volunteering

2018–2021

Experience As a Teacher

Taught general physics for pupils at MIPT preparation courses.

Interests

Usually this section is much more about me, because I am not only a Java-programmer. I currently hold a part-time position as a junior researcher at the Kotelnikov's Research Institute as a part of my diploma work. Participated in the EnT Conference at Nov 2023. I develop PCB which can measure distance using UWB rays. During hole my conscious life I tend to create different electrical devices and for the last 8 years I have been improving my skills in creating those. Starting with the very basics and Arduino, ending with STM32 and digital processing using FPGAs. I also can share this experience:

2021, Aug

Skoltech Summer Internship

Developed independent load balancer for iPerf-based 5G speedtest service by working with my colleague using Python Flask server in combination with Docker containerization and Swagger API.

2020, Apr

NTI Hackathon
Student stream, Wireless Technologies Profile

Won first place out of 8 teams in hackathon at NTI by working with five colleagues to develop a noise-resistant algotirthm for optimal data transmission over a noisy channel.