



Telegram: https://t.me/mikhail_kozyrev

Email: mihakill777@gmail.com

LinkedIn:

<https://www.linkedin.com/in/mikhail-kozyrev96/>

Work permit in: Montenegro/Georgia.

Currently in Montenegro.

Key skills: Java 8-17, Spring Boot/MVC/Data.

Testing: Mockito, JUnit4+, Docker TestContainers.

Build Tools: Maven, Gradle.

Databases: PostgreSQL, MS SQL, MongoDB, ElasticSearch.

Cloud: AWS S3, Batch, ECR, EC2.

Message brokers: Apache Kafka

Containerization: Docker, Singularity, Minikube.

Life science: Nextflow 23+, Cell Profiler, BLAST.

Extra: experience in interviewing Java Developers,
medical expertise

Languages: English B2, Russian Native

MIKHAIL KOZYREV – JAVA SOFTWARE ENGINEER

SUMMARY

Java Developer with 4,5 years of experience in software development. Easily communicate with colleagues. I have worked extensively with Java 8-17, Spring Framework, Mockito, JUnit, and Docker TestContainers. Worked with Apache Kafka. Worked with multithreading (java.util.concurrent). My experience includes building and managing databases such as PostgreSQL, MS SQL, MongoDB, ElasticSearch and Blazegraph. I am skilled in using AWS services like S3, Batch, and ECR, and proficient in Docker, Singularity, and Kubernetes for containerization and orchestration. I have also worked with pipeline build technologies such as Nextflow 23+. Passionate about challenging tasks.

EXPERIENCE

January-2025 – Now – Software Developer (Part time)

Project Description: Freelance

Challenges:

- implement custom logic of Human Resource system
- implement logic for audit system

Tools and Technologies: Java 21, Spring boot, Spring Data, Spring security, Gradle, Kafka, PostgreSQL, ElasticSearch, Kibana, Mockito, Junit, Docker test containers.

September-2024 – January-2025 – Software Developer. (Part time)

Project Description: Freelance

Challenges:

- add functionality to integration with Microsoft Sharepoint
- add integration with client's api - backend and frontend (GWT + GXT)

Tools and Technologies: Java 8, GWT, Microsoft 365

October-2023 – September-2024 – Software Developer, Kupsilla Inc

Project Description: internal tool for automated creation of projects.

Challenges:

- created custom templates for classes generation, using Apache FreeMarker
- make changes in OpenApi configurations to generate Swagger UI
- add support for integration testing with Docker TestContainers
- customize company's docker image of CAS system

Tools and Technologies: Java 17, Gradle, PostgreSQL, Spring Boot 3+, Spring Data, Spring Security, Apache Freemarker, OpenApi Mustache, Swagger, Flyway, Kafka, Docker.

October-2023 – January-2024 – Software Developer (spare time), Kupsilla Inc

Project Description: proof of concept for the customer, which runs various bioinformatics pipelines

Challenges:

- rewrite the pipeline for newer version of Nextflow 23+ (using DSL2)
- created Docker image of the pipeline
- deployed pipeline in AWS Batch
- transfer Docker image to Singularity.

Tools and Technologies: Nextflow, Cellprofiler, R, Bash, Python, Docker, Singularity, AWS S3, Batch, ECR.

March-2023 – October-2023 – Software Developer, Kupsilla Inc

Project Description: automatization for chemical laboratory, an integrated suite of digital solutions that deliver the full chain of functionality required by chemical laboratory.

Challenges:

- support and contribute to internal validation system
- uprise test coverage from 40 to 70%
- lead new members onboarding (documentation and process organization)

Tools and Technologies: Java 17, Gradle, PostgreSQL, Elastic Search, Spring Boot 3+, Data, MVC, JUnit5, Mockito, JaCoCo, RDKit, Flyway, Swagger, Docker.

January-2023 - March-2023 - Software Developer (spare time), EPAM Systems

Project Description: telegram-bot for convenient accommodation search.

Challenges:

- add integration with AWS S3 service and ECR
- design of internal logic

Tools and Technologies: Java 17, Gradle, MongoDB, Spring Boot 3+, Data, JUnit4+, Mockito, Flyway, Docker.

May-2022 – March-2023 - Software Developer, EPAM Systems

Project Description: Feature Development & Support for Workforce Ready application.

Challenges:

- creation of new API for business entities
- leading the onboarding process of new team members
- contribute into company's security framework

Tools and Technologies: Java 17 + custom frameworks, MS SQL, Gradle, Flyway, Docker.

Feb-2021 - Mar-2022 - Software engineer, EPAM Systems

Project Description: Support activities on the platform for genomic laboratory, an integrated suite of digital

solutions that deliver the full chain of functionality required by clinical genomics organizations

Challenges:

- implementation of new functionality for genomics analysis
- rewrite broken java jobs on python3
- add integration of subsystem with Blazegraph

Tools and Technologies: Java 11, PostgreSQL, Blazegraph, Cassandra, AWS S3, Maven, Flyway, JUnit, Mockito, Spring Boot2+, Spring MVC, Spring Spring Data JPA, jOOQ. Docker, K8S(minikube), Jenkins. Python 3, Bash.

Oct-2020 - Feb-2021 - Junior Software Engineer, EPAM Systems.

Project Description: the idea of the project is to identify and monitor the position of the customer inside the building.

Challenges:

- participation in migration from monolith to microservice architecture
- code refactoring
- documentation writing
- participation in the task of integration our application with Apache Kafka

Tools and Technologies: Java 8, MongoDB, Gradle, Spring Boot 2+, Spring Security, JUnit, Mockito, Kafka.