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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.

Cloud: AWS S3, Batch, ECR, EC2.

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 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. My experience includes building and managing databases such as PostgreSQL, MS SQL, MongoDB 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

September-2024 – Now – Software Developer, Freelance

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, 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, 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.