

Taras Murzenkov

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LinkedIn LinkedIn, click to view
GitHub Current projects, click to view

Languages: Java 8-17, Kotlin, Groovy, SQL/HQL, JavaScript/TypeScript, Dart
Frameworks/Libs: Spring Boot, Quarkus, Hibernate ORM, JUnit, Testcontainers, Mockito, NodeJS/ExpressJS
Databases: PostgreSQL, Elasticsearch, Cassandra, Redis
Build tools: Gradle, Maven
Ops. tools: Jenkins, Docker, Kubernetes, CircleCI, Bash scripting, Terraform
Queues: Apache Kafka, RabbitMQ
Dev. methodologies: Agile Scrum, Pair programming, TDD
Clouds: AWS, Digital Ocean, Heroku

Recent Positions

- Nov. 2018** *Intellias*
Current *Senior Java/Kotlin Developer*
- Took the full design and delivery ownership of the two core features (Customer profile service and Analytics integration service): designed the solution architecture, wrote implementation and rolled out to production. Tech. stack - Java/Kotlin, Spring Boot, Kafka, AWS (EKS, Lambda, DynamoDB, SQS)
 - Created the highly scalable cross-database replication service (Tech. stack: DynamoDB, Lambda, Terraform, Python)
 - Scaled CI pipeline by removing manual steps and integrating automatic quality gates and expanding test suite so that the number of deployments increased by 40% on daily basis
 - Reduced by 30% response latency of the critical service by batching Elasticsearch queries
 - Created library to detect N+1 JPQL problem, used it in integration tests so that the overall query latency was improved by 70%
 - Designed and implemented 2 mathematical models as JAR files to assess leaching and run-off risks, integrated them in the Sustainability Project so that customers had the ability to apply active ingredients in the sustainable manner
- Oct. 2017** *EPAM*
Nov. 2018 *Java Developer*
- Reduced the number of http errors by 50 % in service-to-service communications during unexpected request spikes by integrating reactive libraries
 - Improved release process by creating automatic regression E2E test suite, integrating into Jenkins pipeline that lead to 1 man-day reduction in QA team
 - Improved the test coverage to 90% and fixed Sonar Qube issues during Company audit process
 - Designed, run load testing and optimised importing process by tuning Hibernate sequence generating algorithm so that the throughput was increased by 40%
 - Created, integrated service that fetched OFAC data so that the system had the up to date information about sanctioned entities
- Jun. 2015** *DataArt*
Oct. 2017 *Java Developer*
- Created RESTfull service that allowed financial analytics to scale model design process
 - Refactored Liquibase migration set to allow migration database changes from Oracle to MS SQL Server
 - Improved unit test coverage to 90% to support refactoring of the legacy code base
 - Incorporated code quality metrics to reduce code complexity and improve feature delivery process
 - Created and executed load testing to access the current system architecture and identify existing bottleneck
- Feb. 2013** *Simcorp*
Jun. 2015 *Java developer*
- Participated in the implementation of the OTC "Trade Manager" project
 - Implemented forward pricing models to assess the "simulate-release-allocate" trade flow
 - Expanded the unit test coverage to allow further code base refactoring
 - Worked with the customer specific requests to provide timely and accurate system support