

Taras Murzenkov

Mobile Phone +38 (096)-969-16-49
Email murzenkovtn@gmail.com

LinkedIn
GitHub

LinkedIn, click to view
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 Masabi

Current *Senior Software Engineer*

- Created the highly scalable cross-database, event-driven replication service (DynamoDB, Lambda, Terraform, Python)
- Designed and created configuration service that allows remote IoT devices to update their configuration (AWS, Terraform, Kotlin, http4k)
- Created the E2E testing pipeline that allowed to increase the deployment frequency
- Incorporated ADR process so that each team member could review the architectural proposal
- Introduced API first development by bringing the necessary code generators and enhancing the release pipeline

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 led 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 RESTful 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