

# 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** *Masabi*  
**Current** *Senior Software Engineer*
- Designed and implemented RESTful service that allows remote IoT devices to update their configuration (AWS, Terraform, Kotlin, http4k)
  - Created the highly scalable event-driven replication service (DynamoDB, Lambda, Terraform, Python)
  - 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 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 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