

Taras Murzenkov (Senior Software Engineer)

Mobile Phone +34607046133
Email murzenkovtn@gmail.com

Experience

Oct. 2022 Masabi, the United Kingdom

Current *Senior Java/Kotlin Software Engineer*

- Delivered RESTful service that improved IoT provisioning process by reducing hardware errors to 30%
- Developed the data replication service that lessened data-miss errors by 10%
- Reduced by 65% the latency of the critical end-points by optimising and caching SQL queries
- Tweaked AWS Lambda startup by 65% through incorporation AWS SnapStart
- Refined CD pipelines resulting in a 40% increase in daily deployments
- Incorporated ADR process so that each team member could review the architectural proposal
- Introduced API first development by brining the necessary code generators and enhancing the release pipeline

Tech. stack: Kotlin, Java 17, Python, Terraform, AWS (Lambda, DynamoDB, API Gateway, SQS, RDS), Apache Kafka, SpringBoot, http4k, Gradle, Maven, Cucumber, JUnit, WireMock, Testcontainers, GitLab, Bamboo

Nov. 2018 Intellias, Germany

Oct. 2022 *Senior Java/Kotlin Software Engineer*

- Designed and delivered to the production two core web services
- Integrated into the GitLab CI the E2E testing pipeline that increased the deployment frequency
- Produced library to detect N+1 JPQL problem and used it to improve the query latency by 70%
- Published implementation of the 2 mathematical models and incorporated them in the business critical processes

Tech. stack: Kotlin, Java 8-17, Terraform, Kubernetes, Docker, PostgreSQL, Redis, Apache Kafka, SpringBoot, Spring Reactor, Hibernate, Gradle, JUnit, WireMock, Testcontainers, Jenkins

Oct. 2017 EPAM, Ukraine

Nov. 2018 *Java Software Engineer*

- Reduced the number of http errors by 50 % in service-to-service communications by integrating reactive libraries
- Boosted release process by creating and integrating into CI automatic regression E2E test suite
- Enhanced the test coverage to 90% and fixed Sonar Qube issues during Company audit process
- Designed, load tested and optimised data importing process so that the throughput was increased by 40%
- Created, integrated service that fetched OFAC data resulting in saving 5% of employee daily time

Tech. stack: Java 8, Kubernetes, Docker, PostgreSQL, Redis, Apache Kafka, SpringBoot, Hibernate, Gradle, JUnit, WireMock, Jenkins, Sonar Qube

Jun. 2015 DataArt, Ukraine

Oct. 2017 *Software Engineer*

- 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
- Planned and executed load testing to access the current system architecture and identify existing bottlenecks

Tech. stack: Java 7-8, SpringBoot, Hibernate, Apache POI, Oracle DB, Gradle, JUnit, WireMock, Jenkins, Sonar Qube

Education

- MSc in "Financial management" - Vlerick Business School, Belgium, Ghent
- MSc in Risk Management - State University Higher School of Economics
- BS in Applied Mathematics and Statistics - Lomonosov Moscow State University, Russia