

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 a RESTful service that enhanced the IoT provisioning process, reducing hardware errors by 30%
- Developed a data replication service that minimized data-miss errors by 10
- Reduced latency of critical endpoints by 65% by optimizing and caching SQL queries
- Improved AWS Lambda startup time by 65% through the implementation of AWS SnapStartt
- Refined CI/CD pipelines, resulting in a 40% increase in daily deployment frequency
- Introduced an Architecture Decision Record (ADR) process, enabling team-wide review of architectural proposals
- Advocated for API-first development by integrating code generators and improving 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 deployed two core web services to production, ensuring robust functionality and scalability
 - Integrated an end-to-end (E2E) testing pipeline into GitLab CI, significantly increasing deployment frequency and system reliability
 - Developed a library to identify N+1 JPQL issues, improving query latency by 70% through optimization
 - Published and implemented two mathematical models, integrating them into business-critical processes to drive operational efficiency and accuracy
- 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 HTTP errors in service-to-service communications by 50% through the integration of reactive libraries
- Accelerated the release process by creating and integrating an automated regression E2E test suite into CI pipelines
- Increased test coverage to 90% and resolved SonarQube issues, ensuring compliance during a company audit
- Designed, load-tested, and optimized the data importing process, increasing throughput by 40%
- Developed and integrated a service to fetch OFAC data, saving 5% of employees' daily time through process automation

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*

- Developed a RESTful service that enabled financial analytics to scale the model design process, enhancing system performance
- Refactored Liquibase migration scripts to facilitate seamless database migration from Oracle to MS SQL Server
- Increased unit test coverage to 90%, supporting the successful refactoring of the legacy codebase
- Integrated code quality metrics, reducing code complexity and improving the feature delivery process
- Planned and executed comprehensive load testing to assess the current system architecture and identify performance 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