

Taras Murzenkov (Senior Software Engineer, Java/Kotlin)

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Recent Experience

- Oct. 2022** Masabi
Current *Senior Software Engineer*
- Architected and built a RESTful service to simplify IoT device provisioning
 - Implemented SSO integration with multiple identity providers, unifying authentication flows and enhancing user experience across platforms
 - Reduced latency of business-critical endpoints by 65% through SQL query optimization and intelligent caching
 - Improved AWS Lambda startup time by 65% through the implementation of AWS SnapStart
 - Streamlined CI/CD workflows, resulting in a 40% increase in daily deployment throughput
- Tech. stack:** Kotlin, Java 17-21, Groovy, Python, Terraform, AWS (Lambda, DynamoDB, API Gateway, SQS, RDS), Apache Kafka, SpringBoot, http4k, Gradle, Maven, Cucumber, junit, WireMock, Testcontainers, GitLab, Bamboo
- Nov. 2018** Intellias
Oct. 2022 *Senior 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
Nov. 2018 *Software 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
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