Taras Murzenkov

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Recent Positions

Oct. 2022   Masabi
Current   *Senior Software Engineer*

- Designed the solution and created the scalable RESTful service for IoT devices that improved their configurations update process
- Developed the event-driven cross-database replication service that allowed to have the loose coupling between microservices
- Enhanced deployment efficiency by refining the CI pipeline, resulting in a 40
- 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
- Migrated the legacy Bamboo CI pipelines to GitLab

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
Oct. 2022   *Senior Software Engineer*

- 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.
- Integrated into the GitLab CI the E2E testing pipeline that increased the deployment frequency
- 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 asses 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

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 Engineer*

- 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

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*

- 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
- Created and executed load testing to access the current system architecture and identify existing bottleneck

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