Taras Murzenkov (Senior Software Engineer, Java/Kotlin)

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Recent Experience

Oct. 2022
Current
Masabi
Senior Software Engineer

- Architected and delivered a RESTful IoT provisioning service, enabling seamless device onboarding at scale.
- Implemented SSO authentication across identity providers streamlining user authentication.
- Designed RESTful APIs using OpenAPI specification so that customers were able to implement integration.
- Reduced critical API latency by 65% through deep SQL query optimisation and strategic caching.
- Decreased AWS Lambda cold starts by 65% by leveraging AWS SnapStart for faster execution.

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
Oct. 2022
Intellias
Senior Software Engineer

- Designed and deployed two mission-critical event-driven web services to production, ensuring high scalability, reliability, and maintainability.
- Integrated a full end-to-end (E2E) testing pipeline into GitLab CI, boosting deployment frequency and system reliability.
- Developed and implemented a custom library to detect N+1 JPQL issues, cutting query latency by 70% through advanced optimisation.
- Developed core libraries and embedded them into business-critical workflows to enhance accuracy and efficiency.

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

Oct. 2017
Nov. 2018
EPAM
Software Software Engineer

- Reduced HTTP errors in legacy service communications by 50% through the integration of reactive libraries
- 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
Oct. 2017
DataArt
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