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Recent Positions

- Oct. 2022** Masabi
Current *Senior Software Engineer*
- Designed the service architecture and created from scratch the highly scalable RESTful service that allowed remote IoT devices to update their configurations
 - Created the event-driven cross-database replication service that allowed to have the loose coupling between microservices
 - Scaled CI pipeline by removing manual steps and integrating automatic quality gates and expanding test suite so that the number of deployments increased by 40% on daily basis
 - Incorporated ADR process so that each team member could review the architectural proposal
 - Introduced API first development by bringing 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 assess 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