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Recent Positions

- Oct. 2022** *Masabi*
Current *Senior Software Engineer*
- Based on the closed collaboration with the product team, designed the solution and created from scratch the highly scalable RESTful service that allowed remote IoT devices to update their configurations (AWS Lambda, Terraform, Kotlin, http4k)
 - Created the highly scalable cross-database replication service (DynamoDB, Lambda, Terraform, Python)
 - Created and integrated into the GitLab CI the E2E testing pipeline that allowed to increase the deployment frequency
 - 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 (Cucumber, Kotlin, Java 17)
 - Migrated legacy Bamboo CI pipelines to GitLab ones
- Nov. 2018** *Intellias*
Oct. 2022 *Senior Java/Kotlin Developer*
- 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. Tech. stack - Java/Kotlin, Spring Boot, Kafka, AWS (EKS, Lambda, DynamoDB, SQS)
 - Created the highly scalable cross-database replication service (Tech. stack: DynamoDB, Lambda, Terraform, Python)
 - 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
 - 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
- Oct. 2017** *EPAM*
Nov. 2018 *Java Developer*
- 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
- Jun. 2015** *DataArt*
Oct. 2017 *Java Developer*
- 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