

Maxim Tereshchenko

Los Angeles, CA. +1 919 345 5550. maxb3k@gmail.com

EXPERIENCE

Dreamworks Animation (Shrek, How To Train Your Dragon)

Senior Software Developer, Los Angeles, CA (2019 - Current)

- Led the design and implementation of a distributed tracing library for 50+ services using OpenTracing API, Jaeger, and Datadog that improved the transparency of the system
- Improved the database connection resiliency for the Azure environment by adding dynamic cluster topology refresh to the database drivers.
- Optimized a critical storage service using the Quarkus framework and GraalVM, leading to 20x decreased startup time and 2.5x memory footprint.
- Optimized database queries and business logic of a few customer-facing services resulting in a 4x decrease in average response times.

Deutsche Bank

Lead Software Developer, Cary, NC (2018 - 2019)

- Designed and implemented the MFA, Deutsche Bank's multi-factor authentication service, using a microservice architecture based on Spring Cloud, OAuth2, and OpenID.

Various Companies (Consulting, Ads)

Senior Software Developer (2007 - 2018)

- Developed the backend and android app for indoor navigation R&D project using R language, CouchDB, Vagrant, and linear regression modeling resulting in 5 meters accuracy for the 75th percentile.
- Improved performance of database queries using stored procedures and sharding technique, leading to 10x reduced execution time.
- Implemented Android and iOS SDKs for placing ads directly into mobile applications.
- Provided mentorship and guidance to junior software developers, increasing productivity, code quality, and timely project completion.

EDUCATION

- Master of Science in Computer Engineering, Novosibirsk State Technical University (NSTU), 2002 - 2007. Concentration in Automation and Computer Engineering.

SKILLS

Java, Python, Scala, Spring, Hibernate, Vaadin, Wicket, Quarkus, system design(SAGA, SOLID, etc.), PostgreSQL, Couchbase, MongoDB, Redis, Elasticsearch, Kafka, RabbitMQ, Perl, XSL, AngularJS, C++, MFC, Boost, STL, R language, Spark, Docker, RHEL, bash