

Andrei Sukharev

Software Engineer

✉ adsukharev38@gmail.com 🌐 AndreiSukharev in adsukharev

EDUCATION

- **National Research University Higher School of Economics** Moscow, Russia
Master's degree in Innovation Studies Sept. 2018 - Aug. 2020
- **Irkutsk State University** Irkutsk, Russia
Bachelor's degree in Economics, Information and Mathematical Administration Sept. 2014 - Aug. 2018

EXPERIENCE

- **Rakuten** Tokyo, Japan
Software Engineer, Benefit points calculation system Feb. 2022 - Present
 - Java Micronaut Kafka Cassandra MariaDB CouchBase Consul gRPC
 - Built a service to **calculate points** based on marketing campaigns.
 - Designed a **retry mechanism** for failed Kafka **messages**.
 - **Reduced latency by 70%** by adding in-memory and distributed **cache**.
 - Introduced Cassandra to support **millions of data** to achieve the desired **high availability and low latency**.
- **Sberbank-Technology** Moscow, Russia
Software Engineer, Source code migration tool Feb. 2021 - Feb. 2022
 - Java Spring Boot PostgreSQL React TypeScript
 - Built a **code initializer** to generate a project with target dependencies from the source.
 - Increased speed **from 10 to 1 sec** by implementing the **observer pattern** to subscribe for a git repository.
 - Designed an **orchestration service** to run spring boot starters.
 - Developed MVP frontend app **from scratch to prod** in solo.
- **ProTranslating, Inc** Miami, USA (Remote)
Full Stack Developer, A payment system for language service provider May 2019 - Feb. 2021
 - JavaScript Node.js Vue.js MongoDB
 - Built **REST API** and **DataBase schemas** for creating invoices
 - Developed **client-side** components for generating/showing invoices
 - Tested using the **end-to-end-testing** methodology

PROJECTS

- **LADL - the app for improving communication skills through debating games** [Google Play](#) [App Store](#)
 - TypeScript ReactNative MongoDB
 - Key Features: a chat in real time, opponents matching, notifications (push, email), authentication and authorization. Everything was built myself, namely: backend server, IOS, Android apps, database configuration, CI/CD.

ACHIEVEMENTS

- **Hackathons winner**, 2019-2020 - Auth0(US), HackTrain(London), Junction(Helsinki), Huawei(Moscow)
- **Programming School 42**, 2021 - graduated in Computer Science
- Software License, 2019 - **Author of Intellectual property** for a computer program
- **Arab Innovation Academy Qatar**, 2019 - graduated from the Technical Entrepreneurship Program

PROGRAMMING SKILLS

- **Programming Languages**: Java(SpringBoot), JavaScript(Node.js, Vue, React), Python(Flask)
- **Technologies**: PostgreSQL, MongoDB, Cassandra, Docker, Kafka
- **Languages**: English (fluently), Japan(basic), German(basic), Russian (native)