Andrey Minin

[GitHub](#) | [Telegram](#) | [LinkedIn](#) | [Email](#)

Working experience

SOFTWARE ENGINEER | HFT FUND | DEC 2022 – NOW
· Developed a high-performance app for searching arbitrage pairs on multiple exchanges, which increased the execution speed of arbitrage orders by 13%.
· Developed the concurrent app for crawling L1 and L2 level data from the exchange, which decreased the time of getting the latest data by 1.1x

Stack: Rust, Tokio

SENIOR SOFTWARE DEVELOPER | WORLDQUANT | OCT 2021 – DEC 2022
· Independently added end-of-day trades data source, which increased data integrity by 10%
· Developed low-latency ETL application, consuming from Kafka and producing to Vertica, which decreased the time of full batch load by more than 50%

Stack: Java 11, Kafka, Vertica, Kubernetes, Docker

MIDDLE SOFTWARE DEVELOPER | PJSC VIMPELCOM | SEPT 2020 – OCT 2021
· Built pipeline on Nifi to analyze mobile communication rates, which made a profit of $1M / year
· Developed REST API for accessing data for startups` evaluation, which reduced the duration of the process by 5x times, allowing to increase user loyalty by 20%

Stack: Java 11, Apache Nifi, Spring Boot, Postgres, Docker

JUNIOR SOFTWARE DEVELOPER | PJSC SBERBANK | OCT 2019 – AUG 2020
· Developed ETL service for consolidating and transferring data (5 TB/d) for the Sberbank Investment app
· Unblocked the possibility of 100% code coverage, reducing the time for testing new features twice

Stack: Java 8, Spring Boot 2, MSSQL, Oracle, Teradata DB, JavaScript, HTML

INTERN | ERNST & YOUNG | JULY – AUG 2018
· Developed the application for automatic most common vulnerabilities checks in security systems of a few huge finance companies, which decreased the time of the full audit process by 10%

Stack: Java 8, VBA, Excel

Education

BUILDSPACE | JAN 2022 - NOW
Courses:
· Build a Web3 app with Solidity | Issued March 2022
· Build a Web3 app on Solana with Rust and React | Issued April 2022
· Build your own store with Solana Pay | Issued June 2022

NEW YORK UNIVERSITY | DROPPED IN 2022
· Master of Science – Computer Engineering | NYU Tandon School of Engineering

YANDEX SCHOOL OF DATA ANALYSIS | JUN 2019 – JUN 2021
· Master of Science – Computer Science

Courses: Advanced algorithms, Python, Advanced C++, Discrete Optimization

NATIONAL RESEARCH UNIVERSITY "HIGHER SCHOOL OF ECONOMICS" | 2015 – 2019
· Bachelor of Science – Applied Mathematics and Computer Science | Department of Distributed Systems
· Receiving scholarship for academic performance
· Minor subject: Applied Economics

Courses: High-performance Computing, System design, Cloud computing, DevOps, Computer Networks, Machine Learning, Distributed Systems, Deep Learning, Probability Theory, and Mathematical Statistics, Algorithms and Data Structures, Computer Architecture and Operating Systems, Calculus, Economics & Econometrics

Technical skills

- **Profound in programming languages:** Rust, Java, Go, Solidity
- **Familiar with:** React, C++, Python, SQL
- **Technologies:** Data – Postgres, Mongo, Redis, Hive, Hadoop, Kafka, RabbitMQ

  VCS – Git, GitHub, GitLab

  CIS – Jenkins, GitHub CI/CD

  DevOps – Ansible, Kubernetes, Docker

Projects

BLOGAPP | DEC 2021 – NOW

- Low-latency, extremely scalable, fault-tolerant REST API for Twitter-like blog

Stack: Go, Redis, MongoDB

GIF-PORTAL | MAR 2022 – SEP 2022

- An online portal for sharing GIFs and voting for them based on the Solana network

Stack: Rust, React, Solana