

PROFESSIONAL SUMMARY

Senior Software Engineer with experience in: Node.js, Go, Database, Team & Tech Leadership.

Business-oriented, flexible, communicative, with an emphasis on results.

With experience in load under **500k** rps(input), and number of users (up to **1 million**)

Worked with **Enterprise** and **Startup** companies, in teams from **3** to **20** people.

Project type experience: **AdTech(OpenRTB), Gambling, Blockchain, GameDev, Storage**

SKILLS

Programming: Go, TypeScript, Node.js, NestJS, Web3(Blockchain)

Storage: Clickhouse, Postgres, MySQL, MongoDB, Redis, Aerospike

Transport: Kafka, RabbitMQ, NATS, GRPC, GraphQL, Websockets

Others: GlusterFS, ElasticSearch, Docker, Kubernetes, Ansible, Nginx, Prometheus, Grafana

Languages: Russian (native), English (intermediate)

WORK EXPERIENCE (6 YEARS)

MTS Group

Senior Software Engineer

Moscow, Russia · Remote

Jun 2022 — Jun 2023 (**1y.**)

Project: Distributed data storage system, B2B internal

- Identified a balance issue between storage systems and developed a service to optimize load handling.
- Eliminated a bottleneck in data retrieval from storage, increasing performance **10x**.
- Facilitated team operations by creating tools for workflow simplification, which enhanced overall team productivity.

Stack: Go, Node.js, Clickhouse, MongoDB, Kafka, RabbitMQ, GlusterFS

NDA

Senior Software Engineer

Part-time

May 2022 — February 2023 (**10m.**)

Project: CS:GO Gambling, GameDev: Jackpot, Mines, Crash, Roulette, Coinflip, Case Opening, Upgrade

- Full development of the backend for the gaming platform, including: **business logic, architecture, DevOps**.
- Microservice architecture, framework for rapid game creation, deployment pipeline, monitoring, logging, scaling.

Stack: Node.js, Postgres, Socket.IO, Nginx, Prometheus, Grafana, Ansible, Docker

Lofty

Lead Software Engineer (8 BACKEND GO DEVELOPERS)

Moscow, Russia · Hybrid

May 2020 — May 2022 (**2y.**)

Project: Automated Traffic Arbitrage

- Analyzed data to pinpoint key growth areas for advertising arbitrage (**OpenRTB**).
- Streamlined team processes: incorporated **KPIs**, a roadmap, an idea board, task decomposition.
- Devised a traffic quality forecasting system to optimize costs and filtering for **SSP**.
- Conceived and developed a system for assessment and filtration (**Antifraud**), ensuring quality for **DSP**.
- Boosted the annual profit **from 0 to 1 million USD** in two years, in **high-load** product with under **500k** rps.

Stack: Go, Clickhouse, Postgres, Aerospike, Kafka, GRPC

Lead Software Engineer (4 BACKEND NODE.JS DEVELOPERS)

Oct 2019 — May 2020 (**8m.**)

Project: SSP (Supply Side Platform), Push, Inpage, Native, Popunder (AdTech)

- Overhauled an application to achieve stability, **3x** performance, and A/B testing capability, which enabled performance enhancement **from 15k to 150k RPS** over two years.
- Implemented Agile, optimized hiring and staff adaptation processes.
- Contributed to architectural design and DevOps, enhancing data storage efficiency.

Stack: Node.js, Clickhouse, Postgres, Redis, Kafka

Senior Software EngineerJul 2019 — Oct 2019 (**4m.**)**Project:** SSP — Push notifications**Stack:** Node.js, MySQL, RabbitMQ

- Developed a high-load (**70k** rps) service for sending push notifications with extensive customization options.
- Created a microservice for authorization.

Belsona Investment Group*Moscow, Russia · On-site***Middle Software Engineer**Jun 2017 — Jul 2019 (**2y.**)**Stack:** Node.js, TypeScript, MySQL, Web3(Ethereum.), Websockets

- Engineered a bot for arbitrage between **blockchain smart contracts** and exchanges (**Binance/Bitfinex**).
- Created a risk assessment and predictive market trend model based on blockchain data.
- Implemented automated scripts to reduce routine tasks, particularly for ICO projects.
- Developed a service for calculating risks of ICO products.

EDUCATION

Bachelor's degree, Computer and Information System SecuritySep 2013 — May 2017 (**4y.**)

Dagestan State University