

## PROFESSIONAL SUMMARY

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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

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**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)

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### 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 Engineer**Jul 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**

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

Dagestan State University