

Ibragim Zubailov

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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)**, **Finance**, **Web3(Blockchain)**, **GameDev**, **Storage**

SKILLS

- **Programming:** Go, TypeScript, Node.js, NestJS, Web3(Blockchain)
- **Database:** 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 (7 YEARS, 2017 - 2024)

GreenCode

Bar, Montenegro · Remote

Senior Go and NodeJS Developer

Aug 2023 — now (**1y.**)

Project: Entertainment Platform

- Developed 3 games: **Puzzle Path**, **Wheel Challenges**, **Animal Quests**.
- Optimized database and inter-service communication.
- Recruited and mentored new developers.

Stack: Go, Node.js, Postgres, Clickhouse, Redis, RabbitMQ, Kafka, Docker

MTS Group

Moscow, Russia · Remote

Senior Software Engineer

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

Part-time

Senior Node.js Developer

May 2022 — February 2023 (10m.)

Project: Online Games

- Full backend development for a 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

Moscow, Russia · Hybrid

Lead Software Engineer (8 backend developers)

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 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

Middle Software Engineer

Stack: Node.js, TypeScript, MySQL, Web3(Ethereum.), Websockets

Moscow, Russia · On-site

Jun 2017 — Jul 2019 (**2y.**)

- Engineered a bot for arbitrage between **blockchain smart contracts** and exchanges (**Binance/Bitfina**
- 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 Security Sep 2013 — May 2017
(**4y.**)

Dagestan State University