MAXIM KOROBOV

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EXPERIENCE

Golang Developer   Oct. 2023 - Present
Wildberries   *Moscow, Russia*

- Supporting over 10 services, actively implementing new features in most of them;
- Developing infrastructure libraries for interaction with Kafka and NATS;
- Developing microservices for migration from monolithic architecture to microservices;
- Ensuring file storage using AWS S3;
- Developing services with digital signatures and subsequent archive generation;
- Implementing pprof profiling in services;
- Participating in the architecture design of services within the team;
- Developing backend for frontend services;
- Applying microservice patterns to ensure reliable message delivery;
- Improved service performance by more than 2 times through the application of multithreading patterns (worker pool, semaphore);
- Mentoring interns, training, and conducting code reviews.

EDUCATION

Moscow Aviation Institute (National Research Institute).   2022 - 2026
Bachelor of Science. Computational Mathematics and Cybernetics.

GPA: 4.56/5.00.
Key Subjects: Functional Analysis, Probability Theory and Mathematical Statistics, Optimization Methods, Databases, Algorithms and Data Structures, Numerical Methods, Linear Algebra, Object-Oriented Programming, Computer Graphics.

SKILLS AND TECHNOLOGIES

- Go   Primary language at the current job. Developing microservices;
- UNIX   Experienced user of UNIX family OS; ssh, grep, curl;
- SQL   Skills in writing complex queries. CTE, JOIN. Worked with PostgreSQL and MS SQL;
- Docker   Understand concepts and have skills in creating lightweight images;
- Kubernetes   Understand concepts and have skills in writing manifests, worked with kubectl;
- Algorithms and Data Structures   Able to analyze asymptotic and spatial complexity;
- Git   Familiar with and actively use commands branch, cherry-pick, merge, rebase. GitLab, GitHub;
- Open Telemetry, Jaeger   Implemented tracing in services;
- Open API, Swagger   Experience in writing API services using swagger files;
- Kafka   Developed and implemented a library for convenient work with producer and consumer;
- NATS   Experience in writing both subscribers and publishers;
- Elasticsearch, Kibana   Used in the project as a log aggregator;
- Prometheus, Grafana   Used in the project as a metrics aggregator;
- Python   Experience in developing machine learning algorithms for various tasks. Used for data analysis.

ADDITIONAL ACTIVITIES

- Author of articles on Habr habr.com/mkorobovv.
- English - B2; Russian - native.
- Semifinalist of Yandex Cup 2024 in the Backend section.