MAKSIM KOROBOV

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EXPERIENCE

Golang Developer   Jun 2023 - Present (2+ years)
Wildberries   Moscow, Russia

- Maintain and actively develop new features for 10+ microservices;
- Developed universal Apache Kafka library (Go) adopted by 10+ services, reducing codebase by 60% and achieving 100% message delivery reliability;
- Implemented AWS S3 storage solution handling 10+ TB of files;
- Built digital signature (EDS) service with archive generation processing 500+ RPS
- Optimized PostgreSQL queries;(indexing, partitioning), resulting in an 88.4% API performance improvement;
- Implemented comprehensive metrics in Grafana, reducing incident diagnosis time by 40%;
- Developed services following Clean Architecture principles;
- Conducted code reviews and mentored interns, accelerating their onboarding and improving overall code quality;
- Configured Envoy Proxy in Kubernetes for HTTPS traffic routing
- Introduced an Event-Driven Architecture, significantly accelerating document processing.

EDUCATION

Moscow Aviation Institute (National Research University)   2022 - 2026
Bachelor's Degree in Computational Mathematics and Cybernetics
GPA: 4.56/5.00
Key Courses: Probability Theory and Mathematical Statistics, Optimization Methods, Databases, Algorithms and Data Structures, Numerical Methods, Linear Algebra, Computer Graphics

TECHNICAL SKILLS

- Go (Advanced)   Primary language for microservices development
- UNIX   Proficient user: ssh, grep, curl, htop
- SQL   Query optimization, complex analytical queries (CTE, JOIN). PostgreSQL, MS SQL
- Docker   Creating lightweight images (¡100MB)
- Kubernetes   Manifest authoring, kubectl
- gRPC & gRPC Gateway   Experience developing high-performance services using the gRPC protocol.
- Git (GitLab/GitHub)   branch, cherry-pick, merge, rebase. CI/CD pipelines
- OpenTelemetry, Jaeger   Distributed tracing implementation
- OpenAPI/Swagger   REST API documentation, code generation
- Kafka   Client library development (60% code reduction)
- NATS   Pub/Sub implementation for event-driven architecture
- Elasticsearch, Kibana   Log visualization and analysis
- Prometheus, Grafana   Metrics aggregation and monitoring
- Python   Data analysis and machine learning algorithms

ADDITIONAL ACTIVITIES

- Technical author on Habr habr.com/mkorobovv
- English - B2 (Upper Intermediate); Russian - Native
- Yandex Cup 2024 Semifinalist (Backend category)
- Participant in scientific conference on neurotechnologies and optimization methods