

Artem Pisarev

Senior Backend Engineer — Go / Distributed Systems / Microservices Architecture

Frankfurt am Main, Germany | artem@pisarev.in | +49 1522 9568140.

LinkedIn: [linkedin.com/in/artps](https://www.linkedin.com/in/artps) | Website: pisarev.me | Telegram: @rtfm288

Status: Available for B2B contracts **Languages:** English (C1, Advanced) · Russian (Native)

Professional Summary

Senior Backend Engineer specialising in greenfield Go microservice platforms for high-load distributed systems — 7+ years building services at 2,600–8,000 RPS for e-commerce, retail, and fintech at multi-million-user scale.. Designed and shipped greenfield microservice architectures handling thousands of RPS, with deep expertise in **Go, Kafka, PostgreSQL, gRPC, and Redis**.

Strong track record of leading the design of complex backend platforms from scratch, mentoring engineering teams, and reducing system latency by **up to 8x** through query optimization, denormalization, and architectural refactoring. Comfortable owning systems end-to-end — from architecture review to production incident response — and translating business requirements into resilient, observable services.

Background combining **modern engineering practice with prior IT leadership** in banking and media, bringing domain awareness in fintech, regulated environments, and high-availability operations.

Core Expertise

Languages: Go (primary, since 2019) · PHP · JavaScript / Node.js · SQL.

Architecture & Patterns: Microservices · Domain-Driven Design (DDD) · Event-driven systems · CQRS · Inbox/Outbox · Idempotency patterns · gRPC schema management · HTTP streaming.

Messaging & Streaming: Apache Kafka · NATS.

Data: PostgreSQL (query optimization, EXPLAIN plans, indexing, partitioning, denormalization) · Redis · MongoDB · Elasticsearch (full-text search & storage) · NoSQL.

Infrastructure & DevOps: Kubernetes (managed) · Docker · Helm · GitLab CI/CD · Linux.

Observability: Prometheus · Grafana · ELK Stack · OpenTelemetry (business & application metrics, custom dashboards).

Production Engineering: On-call rotations · Incident response · Post-mortems · SLO/SLA management · pprof profiling · Go race detector.

AI-Assisted Engineering: Agentic coding workflows (Claude Code, Cursor) · AI agents & tool orchestration in daily development · MCP (Model Context Protocol) tooling · context & prompt engineering · LLM-driven code review and refactoring.

Methodologies: Agile / Scrum · TDD/BDD · Code Review · Architecture Review Boards · Mentoring

Professional Experience

Senior Go Engineer / Backend Architect

Magnit Market (*Magnit — Russia's largest retail chain; Magnit Market is the group's e-commerce arm, comparable in scale to Otto Group or Allegro*) July 2023 – Present · Remote

Architected and built the **Transport Management System (TMS)** for Magnit Market from the ground up, including 9 production microservices and 2 API gateways.

- **Designed the overall system architecture from scratch** — service boundaries, contracts, data flow, and event topology — for the TMS platform, as the founding backend engineer; mentored and onboarded the team as it grew from 1 to 4 backend engineers, including helping Java developers transition to Go.
- **Built 9 microservices** in Go using Domain-Driven Design: Vehicles, Drivers, Logistic Points, Carriers, Trips, Mobile Backend (for drivers), Notification Service, Locator Service (real-time driver coordinates via HTTP streaming), plus admin and mobile API gateways.
- **Reduced Trips service response time from 800 ms to 100 ms (8x improvement)** through query denormalization, index tuning, and table flattening — significantly improving admin panel responsiveness during dispatcher operations.

- **Introduced gRPC for service-to-service communication** with disciplined schema management, reducing inter-service latency and improving contract reliability.
- **Implemented Kafka-based event flow** with idempotency and inbox/outbox patterns to guarantee exactly-once semantics across distributed workflows.
- **Built end-to-end observability** with OpenTelemetry, Prometheus, and Grafana — custom dashboards tracking both business KPIs (trips dispatched, driver utilization) and application metrics (p99 latency, error budgets).
- **Optimized GitLab CI/CD pipelines and Kubernetes deployments** with Helm, reducing deployment time by ~40% and standardizing release practices.
- **Defended architectural proposals at the company-wide Architecture Review Board** — all approved and rolled out to production.
- **Interviewed 50+ Go engineering candidates** for the team; mentored mid-level engineers through technical growth and code review.

Stack: Go · gRPC · Kafka · PostgreSQL · Redis · Kubernetes · Helm · GitLab CI/CD · OpenTelemetry · Prometheus · Grafana

Domains: E-commerce · Retail · Logistics & TMS · Fintech · Banking · Media

Senior Go Engineer

Kuper (*Kuper* — major grocery delivery platform; comparable to Gorillas / Getir in Western Europe, operating at multi-million-user scale) April 2021 – July 2023 · Remote

Designed and delivered high-load backend services for one of the largest grocery delivery platforms in Eastern Europe.

- **Designed and built the SMS notification service** handling customer transactional messaging at scale across millions of users — fault-tolerant with retry, deduplication, and provider failover.
- **Built the user reviews service** handling ~2,600 RPS with thousands of reviews written daily, serving millions of users; designed for read-heavy traffic with Redis caching and PostgreSQL partitioning.
- **Built the couriers microservice** supporting real-time courier operations across the delivery network.
- **Modernized legacy monolithic backend** by extracting bounded contexts into independent microservices, raising engineering quality through unit, integration, and functional test coverage.
- **Defended service designs at the architecture committee** and led production rollouts.
- **Participated in production on-call rotations** and led post-mortems for high-severity incidents.

Stack: Go · gRPC · Kafka · PostgreSQL · Redis · Docker · Kubernetes · GitLab CI/CD

Go Engineer

Wildberries (*largest e-commerce platform in the CIS region — comparable in scale to Zalando*) 2020 – April 2021 · Remote

Built and operated backend services for two business-critical domains: customer reviews and warehouse management.

- **Engineered the customer reviews service** in Go with Elasticsearch (storage + full-text search), handling ~8,000 RPS across millions of products.
- **Designed and implemented anti-fraud mechanisms** against review manipulation and rating inflation — combining behavioral signals, rate limiting, and pattern detection to protect platform trust.
- **Built the Warehouse service** for operational fulfillment workflows, using Go, NATS messaging, MongoDB, Redis, and gRPC.
- **Worked with NoSQL and relational databases** at production scale, with focus on read/write performance tuning.

Stack: Go · gRPC · NATS · MongoDB · Elasticsearch · PostgreSQL · Redis

Senior Backend Developer (PHP / Go)

Simbirsoft (*major Russian software development consultancy*) 2018 – 2020 · Remote

Backend developer on enterprise outsourced projects for high-load clients.

- **Tutu.ru** (largest Russian travel & ticketing platform) — Part of a 4-engineer backend team responsible for **bus carrier integrations**. Implemented and maintained **10+ integrations** with European and CIS bus operators (Lux Express and others) using a mix of **REST APIs and SOAP** protocols, normalizing diverse carrier interfaces into a unified internal booking model.
- **Transitioned to Go for internal Simbirsoft projects** — first hands-on production Go experience, marking the start of full specialization in the Go ecosystem.

Stack: PHP · Laravel/Lumen · Go · REST · SOAP · MySQL · PostgreSQL

Earlier Career — IT Leadership & Banking (2008 – 2018)

Prior to focusing on hands-on engineering, held progressively senior IT leadership and management roles in regulated industries — bringing strong domain awareness of fintech, security, and high-availability operations:

- **Head of Software Development**, Magazin Vnimaniya (regional media holding, including *Kommersant-Kuban*) — 2016–2018
 - **Head of IT Department**, Kuban Universal Bank — 2010–2014
 - **Head of Information Security & Operations**, Kuban Universal Bank — 2008–2010
 - **Director**, IT Standard LLC — 2006–2008
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Education

BSc, Management Information Systems Intercollege, Nicosia, Cyprus (*branch of University of Indianapolis, USA*) 1996-2000

Professional Program in Information Security Kuban State Technological University - 2010

Languages

- **English** — C1, Advanced (*professional working proficiency, full architectural and technical discussions*)
 - **Russian** — Native
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What I'm Looking For

Senior backend engineering or architect role on a **B2B contract basis** in or remote-friendly from **Frankfurt am Main**. Particularly interested in:

- Greenfield microservice platforms in Go
- High-load distributed systems (e-commerce, fintech, logistics, marketplaces)
- Architecture-heavy contracts where I can own design end-to-end
- Teams that value engineering rigor, observability, and clean domain modeling

Available immediately for B2B contracts at €500/day.