

Konstantin Evtenko

Senior Backend Engineer: Go/Golang & Laravel (PHP)

Tbilisi, Georgia / Yerevan, Armenia

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SUMMARY

Senior Backend Engineer, 10+ years shipping production systems: high-load APIs, real-time data infrastructure, SaaS platforms, and the integrations that hold them together. Deep hands-on experience in Go and Laravel/PHP, with a track record of migrating legacy PHP monoliths to Go-based microservices.

Currently building a low-latency, high-concurrency real-time data platform in fintech: WebSocket market data across 8 venues and 16 instruments, 128 concurrent streams, 10–500µs decision latency, with a multi-model AI consensus layer (Anthropic, OpenAI, Gemini) for automated decision-making.

CORE SKILLS

Languages: Go (Golang), PHP, JavaScript, TypeScript

Backend: Laravel, REST & WebSocket API design, microservices architecture, queue-heavy systems

Frontend: React, Vue.js

Databases: PostgreSQL, MySQL, Redis

Messaging / Streaming: Kafka, WebSocket, low-latency real-time data pipelines with high concurrency

DevOps: Docker, Kubernetes, CI/CD pipelines, AWS, GCP, Azure

Monitoring: Prometheus, Grafana, Loki

AI Integrations: OpenAI, Gemini, Claude: multi-model consensus pipelines, automated decision workflows, LLM-powered features

Specialization: AI/LLM integrations, PHP-to-Golang migration, monolith-to-microservices transformation, high-load & low-latency system design

Languages spoken: Russian (native), English (B1-B2, actively improving)

ENGAGEMENT MODEL

Available for full-time remote or long-term B2B contract roles. Operates via registered sole proprietorships in both Georgia and Armenia, enabling straightforward B2B/hourly contracting with European and US clients without additional legal setup on the client side.

EXPERIENCE

Senior Go Engineer: Real-Time Data Platform (Fintech) - Confidential Client

Jan 2025 – Present

Freelance, Direct Contract; sole developer, direct engagement with end client; Remote

- Designed and built a real-time market-data engine in Go that monitors 16 financial instruments on each of 8 venues simultaneously over WebSocket (128 concurrent streams total), with each stream receiving updates roughly every 100ms; aggregate throughput of at least ~1,280 messages/sec.
- Achieved decision latency of 10–500 microseconds under real production load, from signal detection to decision output, with high concurrency across all streams.
- Architected the system to scale the number of tracked instruments and venues up or down without structural rework.
- Implemented data persistence for post-decision analytics alongside the live decision pipeline.
- Built a secondary analytics microservice tracking potential transaction volume and value across venues and instruments with idle (zero) balances, aggregated hourly, daily, weekly, and monthly; covering 8 venues / 16 instruments each.
- Integrated three AI providers in parallel (Anthropic, OpenAI, Gemini) as a consensus layer for portfolio-rebalancing recommendations, triggering several recommendations per day; a recommendation is only actioned automatically when all three models agree, reducing single-model bias and hallucination risk.

- Built a Telegram bot integration for human-in-the-loop approval: AI-generated recommendations with full reasoning are sent to the responsible user, who can approve or reject rebalancing actions directly from Telegram (with an optional auto-approve mode for full automation).
- Estimated impact: saves 8-10 hours/day of manual monitoring at current scale, while improving operational efficiency by an estimated 15-35% over manual monitoring.
- Owns the full technical stack independently: architecture, development, deployment, and monitoring.

Senior Software Engineer | Laravel & Golang - TSUN LLC

Apr 2019 – Present (7+ years)

Kazakhstan (Remote): currently in support/maintenance mode; active development phase completed

- Served as a key engineer on an Enterprise CRM system for client, staff, transportation, and order management, driving the system through multiple scaling stages over 7 years.
- Owned both backend (Laravel, Golang) and frontend (React) development, delivering REST + WebSocket APIs for a high-load production environment.
- Built a real-time online chat for clients with employee group support and social network API integrations.
- Integrated payment gateway processing into the platform's billing and order flows.
- Eliminated a critical performance bottleneck by migrating the database from MySQL to PostgreSQL.
- Improved task-processing reliability by transitioning from Laravel Horizon to Kafka.
- Migrated infrastructure from Docker Compose to Kubernetes, improving scalability and container orchestration.
- Set up CI/CD pipelines with automated microservice deployment and monitoring via Grafana/Prometheus.
- Currently providing ongoing support and maintenance for the system after completing the core build-out.

Fullstack Developer | Laravel - Medical Waste Management Center

Nov 2016 – Apr 2019 (2 yrs 6 mo)

- Built an industry-specific system for managing the logistics of hazardous medical waste disposal, owning the full stack.
- Backend: Laravel, MySQL, Redis, REST API.
- Frontend: Vue.js SPA integrated with the backend API.
- Integrated payment processing via a bank API.

Freelance Web Developer - WeblancerNet

Sep 2014 – Nov 2016 (2 yrs 3 mo)

- Built and maintained full-cycle web applications for various clients using PHP, JavaScript, HTML, and CSS.
- Designed and developed relational databases with MySQL.
- Integrated third-party API services across multiple client projects.

EDUCATION

University of Civil Aviation, Postgraduate studies, Automated Systems for Management and Optimization of Multimodal Transportation (2011 – 2014)

University of Civil Aviation, Master's Degree, Organization of Transportation and Management at a Transport Company (2001 – 2006)