

Alexey Gorbunov

Senior Backend Engineer / Tech Lead — Go, Python

Batumi, Georgia · gorbunov.alexey1990@gmail.com · t.me/spi4kavg

PROFILE

Backend engineer with 13+ years of experience. Currently leading backend development on Timeweb Cloud's corporate mail platform — Go services distributed across 30+ mail spoolers, with AI features built on OpenAI and YandexGPT. Previously tech lead of a 10-engineer team on a multi-tenant website builder serving 281,000 sites, where I rebuilt the publishing pipeline in Go around incremental rebuilds and cut the fleet from 6 instances to 2. Earlier: payment processing, order handling and market-data ingestion for a trading platform. 10+ years on products for international markets (Finland, Canada); working language English.

EXPERIENCE

Timeweb Cloud — Senior Backend Engineer / Tech Lead

Aug 2025 — present

Leading backend development (5 engineers, 2 QA) on corporate mail for Timeweb Cloud & Timeweb Hosting

- Took ownership of a three-year-old codebase after the original team was disbanded; stabilized it and resumed feature delivery
- Moved cross-service communication from REST to gRPC; built whitelabel proxy agent, mail collector, spam-filter, LDAP and app-password services
- Refactored the distributed mail pipeline across 30+ spoolers (Dovecot → inotify watcher → RabbitMQ → agent → storage), API reading over gRPC
- Refactored the event-driven core onto a 3-node RabbitMQ cluster with quorum queues: ~1,500 queues, ~1,500 consumers, ~150 msg/s sustained (10M+/day)
- Shipped AI features: RAG support assistant, email processing, subject-line generation, translation/rephrasing, LLM-assisted antispam over rspamd, MCP integration
- Built the LLM layer: OpenAI + YandexGPT with automatic failover, per-user routing, rate limiting, retries, cost alerting
- Security: authentication, CORS/CSP/XSS hardening, bug-bounty remediation

Stack: Go · gRPC · RabbitMQ · LLM · RAG · MCP · Observability

Craftum (Timeweb Cloud) — Team Lead / Tech Lead

May 2021 — Aug 2025

Tech lead of a team of 10 on a multi-tenant website builder: 281,000 sites, 140,000 paid & live

- Rebuilt the site publishing pipeline in Go as a RabbitMQ consumer with incremental rebuilds; cut the fleet from 6 instances/24 workers to 2/10
- Expanded publishing from a simple "publish one page" into whole-site, diff, collection and collection-item publishing; one collection change could cascade into 10,000+ page rebuilds
- Shipped AI features: text generation, image search/generation, translation, and an AI page builder generating native Craftum blocks from a prompt
- Initiated and led the split of a Flask monolith into 15 FastAPI microservices — core migration in ~3 months by 2 engineers
- Introduced CI/CD from scratch
- Owned the e-commerce module, the collections system and international expansion

Stack: FastAPI · Go · Python · PostgreSQL · Microservices · RabbitMQ · CI/CD · Team management

KAD Division — Python Senior Developer

May 2021 — Dec 2021

Part-time, parallel to the Timeweb Cloud / Craftum role

- Trading platform: payment provider integration, order processing and settlement for binary options; market-data ingestion from Polygon
- SaaS platform honkio.fi: server architecture on Flask and PyMongo, React.js integration

Stack: Flask · PyMongo · React.js · Payments · Market data

Self-employed — Senior Developer / Tech Lead

Oct 2019 — Apr 2021

Led development and launch of large web/mobile projects from scratch: architecture, tech choices, hiring

- **automarketby.ru** — car marketplace, microservices architecture (FastAPI, Golang), Nuxt.js frontend
- **coffee-star.ru** — API for vending-machine network's mobile apps, integration with Chinese servers for order fulfillment
- **trans-tech.ru** — document-management system for translators & clients incl. military organizations
- **stroykapp.ru** — CRM for document management in construction government procurement

Stack: FastAPI · Golang · Django · Nuxt.js · Vue.js · PostgreSQL · MongoDB

Earlier experience

- **SoCall**, Senior Programmer (2017–2019) — internal ERP for a call-centre, web-phone over Asterisk/Vicidial
- **SoftDev**, Senior Programmer (2016–2017) — backend/frontend for Finnish startups on the honkio API
- **ETVnet**, Middle Programmer (2015–2016) — Canadian streaming platform, backend for afisharu.com
- **Tensor**, Middle Programmer (2013–2015) — big-data import/export, analytics dashboards

EDUCATION

Saint Petersburg State University of Aerospace Instrumentation

2008 — 2013

M.C.S., Automated Information Processing and Control Systems

SKILLS

Backend

Go, Python, FastAPI, Django, Flask, Gin, PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, NATS, gRPC

AI / ML

LLM APIs, RAG, MCP

DevOps / Infra

Docker, Docker Swarm, Kubernetes, CI/CD, Nginx, Observability, Linux

Other

Team management, mentoring, microservices architecture

LANGUAGES

Russian — Native · English — B2 (Upper-Intermediate)

Open to interesting remote or consulting opportunities.