

GIORGI SULEIMANASHVILI

Python Backend Developer

Tbilisi, Georgia • +995 558 359 351 • giorgi.suleimanashvili7@gmail.com • linkedin.com/in/giorgi-suleimanashvili • github.com/XenonKey • Telegram: @gio_sule

SUMMARY

Python backend engineer with 3+ years of experience building high-load, event-driven services in marketplace and identity verification (KYC/compliance) domains. Own subsystems end-to-end: domain modeling, workflow state machines, idempotent async pipelines, PostgreSQL performance, testing, staged rollouts, and production support.

SKILLS

Core	Python (3.10/3.11), FastAPI, Django / DRF, SQLAlchemy, Alembic, REST API design
Data	PostgreSQL (indexing, EXPLAIN ANALYZE, query optimization), Redis, ClickHouse
Async & Messaging	Celery, RabbitMQ, Kafka, idempotency & retry patterns, webhooks
Infra & Ops	Docker, Kubernetes (backend-level ops), GitLab/GitHub CI/CD, ELK, observability
Quality	pytest, pytest-asyncio, factory_boy, mypy, ruff, pre-commit, code review
AI / LLM	Claude API (async, streaming/SSE, structured output), agent loops / tool use (ReAct), MCP, retry/caching/observability for LLM calls

EXPERIENCE

Sumsub — Python Backend Developer

Mar 2024 – Present • Remote (EMEA) • Identity verification / KYC / compliance platform

Verification Workflow Platform & Integrations/Webhook Delivery teams (14 services: FastAPI, legacy Django/DRF, workers). Internal APIs at 450–750 RPS (peaks 1,300–1,700), 250–400K async jobs/day.

- Led redesign of the verification status / review workflow pipeline: extracted a domain state machine, unified decision / reason-code / debug-context contracts — **cut p95 decision latency from ~240 ms to ~130–150 ms** and reduced stuck verification cases.
- Stabilized webhook delivery to customer systems: unified idempotency keys, added delivery state guards and Redis locks, reworked retryable/non-retryable policy — **eliminated duplicate webhooks** in retry/requeue scenarios (production incident resolved end-to-end).
- Built workflow audit & workspace-usage reconciliation: separated state transitions from side effects, published Kafka events only after safe state commit, added reconciliation workers — removed divergence between usage counters, audit, and downstream events.
- Maintained ~78% unit coverage (pytest, pytest-asyncio) plus integration tests over PostgreSQL, Redis, Kafka, Celery; shipped via feature-flagged staged rollouts with p95/p99, queue-lag and duplicate-rate monitoring.

TNET — Python Backend Developer

Oct 2022 – Feb 2024 • Tbilisi, Georgia • Marketplace / classifieds ecosystem

Marketplace Operations Backend team: listing lifecycle, moderation, seller tools, paid placements (Django/DRF, PostgreSQL, Redis, Celery/RabbitMQ, ELK).

- Built Listing Quality & Moderation Console: unified status/reason-code model, processing history and audit trail for moderators — **cut screen load from 4–6 s to ~400–700 ms** via composite indexes, splitting hot queries from heavy aggregates, and moving duplicate/quality checks to Celery.
- Designed a unified seller package & paid-promotion eligibility layer with Redis locks, idempotency markers and delayed expiry jobs — reduced disputed limit/promotion states and manual support escalations.
- Optimized PostgreSQL hot paths: EXPLAIN ANALYZE–driven composite indexes, eliminated N+1 via `select_related` / `prefetch_related`, moved secondary aggregates to background recalculation.

PROJECTS

pdfer — PDF structured-data extraction service (pet project, FastAPI)

- Integrated Claude API: async client, JSON-schema structured output with Pydantic validation, SSE streaming responses to reduce perceived latency.
- Treated LLM calls as a production dependency: retry with exponential backoff, Redis response caching, Prometheus metrics for token usage, request counts and latency.
- Implemented a ReAct-style agent loop from scratch (tool JSON schemas, tool registry, `stop_reason` handling, `tool_result` flow, step limits); set up MCP servers (stdio/HTTP) as dev tooling.

EDUCATION & LANGUAGES

Bachelor's in Business Management (Product Management track) — Higher School of Economics (HSE), Moscow, 2017–2021.

Languages: Russian — native, English — B2, Georgian — B2, Spanish — A2.