Vladislav Filippov

Backend / Platform Engineer — Python

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Right to work in EU (employment) & Cyprus (B2B) · Open to full-time or contract · English B2 · Russian native · EU time zones

SUMMARY

Backend engineer who built and operated a production B2B SaaS platform single-handed, then scaled it and the team around it. At Moidex I designed and wrote the entire Python backend for a multi-tenant CRM used by 2,000+ car-wash stations — REST APIs, payment acquiring with holds and recurring billing, partner integrations, async processing on SQS, multi-tenant isolation — and moved the infrastructure from a single VPS through Kubernetes to serverless, cutting infra cost ~70% while holding 99.9% uptime. Comfortable owning a system end to end: schema design, deploys, CI/CD, monitoring, on-call. Right to work in the EU (employment) and Cyprus (B2B); open to full-time or contract engagements.

TECHNICAL SKILLS

Languages — Python (primary), SQL; JavaScript/TypeScript, C#, C++

Backend — FastAPI, Flask, REST API design, microservices, async / queue-based processing, webhooks, OAuth, idempotent write paths

Data — PostgreSQL, MongoDB, Redis; schema design & migrations, multi-tenant data isolation, caching

Messaging — AWS SQS (FIFO & standard), event-driven pipelines, job orchestration

Infra & DevOps — Docker, Kubernetes, serverless (Yandex Cloud Functions), load balancing (NLB / ALB), CI/CD (GitHub Actions), infrastructure-as-code concepts

Observability — Grafana, Prometheus, structured logging, alerting, incident response / on-call

Integrations — payment acquiring (T-Bank, YooKassa): holds, commission retention, recurring billing; B2B partner APIs (OTP Bank, Benzuber)

Practices — pytest, code review, staged / canary rollouts, API documentation (Swagger / OpenAPI), Agile / Scrum; applied ML (demand forecasting)

EXPERIENCE

Founder & Lead Engineer — Moidex

B2B SaaS CRM for car-wash networks · Late 2022 – March 2026 · Remote / Russia · Assets sold 2026

Sole backend engineer; the platform, its infrastructure, and its integrations were mine end to end.

Engineering

- Designed and built the entire backend in Python — REST API, job orchestration, idempotent write paths, webhook handlers — for a multi-tenant platform serving 2,000+ connected stations (500–600 daily active), ~85% retention.
- Built multi-tenant data isolation on MongoDB with Redis caching; used FIFO and standard AWS SQS queues for asynchronous processing and job correlation.
- Delivered payment integrations (T-Bank, YooKassa): card acquiring, holds with commission retention, recurring subscription billing.
- Delivered B2B partner integrations (OTP Bank, Benzuber): order-creation and partner-balance APIs consumed directly from partners' own applications.
- Took infrastructure through four stages as load grew: single VPS → 3 VPS behind an NLB → Kubernetes with an ALB → serverless on Yandex Cloud, ending at 10 microservices in a monorepo. Cut infra cost ~70% via the serverless move while sustaining 99.9% uptime.
- Owned CI/CD (GitHub Actions), monitoring (Grafana, Prometheus), API documentation (Swagger), and the pytest suite. Ran staged 1:9 canary rollouts on a pre-stable environment and made release calls from live data.
- Planned and executed zero-downtime migration of the entire client base across four platform generations (Telegram bot → Flask admin → React CRM → paid-tier CRM), plus a released React Native mobile app.
- Shipped an applied ML demand-forecasting model (weather & calendar features) for station staffing and supply planning.

Context

- Founded the company; as it grew, brought on and worked alongside a small engineering team (2 backend, 2 frontend) while continuing to own the backend. Also handled the Yandex integrator integration that carried ~95% of order volume.

Earlier ventures · 2019 – 2022

Built two products from scratch — an ordering platform for hookah lounges (5 venues) and an in-store audio-advertising product (hardware, firmware, admin panel). Neither reached sustainable demand; both shaped the approach to Moidex.

EDUCATION

BSc, Information Systems & Technology — Synergy University · 2022–2024 | **Software Engineering** — MIREA · 2019–2022 (transferred while building Moidex full-time) | **Moscow School of Programmers** — 3-year full-time programme