Danil Miftakhov

Python Backend Developer

Yerevan, Armenia · Open to remote work and relocation

danilfaritovichwork@gmail.com · danil-miftakhov.dev
GitHub · LinkedIn · Telegram

PROFILE

Python Backend developer focused on FastAPI, SQLAlchemy and PostgreSQL. Commercial experience since 2022 covers geospatial data processing, Python automation and external API integrations. In personal and client backend projects, I use explicit business rules, typed contracts and automated tests.

CORE SKILLS

Backend	Python · FastAPI · SQLAlchemy · asyncio · Pydantic
SQL / Data	PostgreSQL · PostGIS · SQL · psycopg · Alembic
Quality	pytest · Integration tests · Ruff · mypy · GitHub Actions
Delivery	Docker · Compose · Linux · Git · External APIs

PROFESSIONAL EXPERIENCE

Software Engineer · Maxim Technology

February 2022 – Present · Remote

- Built the complete Python tool for selecting and processing records, exporting SQL files and loading SQL data into a database. One run handled up to 46 million address records in approximately 6–8 hours.
- Develop and maintain Python/SQL workflows for address and geospatial data normalization, enrichment, bulk imports and exports in PostgreSQL/PostGIS.
- Refactored geocoding integrations with concurrent requests, retries, API-quota handling and explicit error processing.
- Investigate data-quality and SQL performance issues using database queries, execution plans and application logs; document technical findings.

EDUCATION

Kazan Federal University · Applied Mathematics and Computer Science · 2021–2026 · Completed

LANGUAGES

Russian — Native · English — B1

CLIENT WORK

Freelance Python Developer

Project-based engagements · Since approximately 2020

- Delivered supplier-to-Ozon stock synchronization: transformed inventory data and integrated the marketplace workflow with Python.
- Built CSV/Excel/JSON processing utilities and browser/API automation; packaged selected solutions for Docker/Linux.
- Developed Telegram interfaces for controlling server utilities, changing settings and inspecting logs.

SELECTED ENGINEERING PROJECTS

Moon Courier Crisis · Source

FastAPI · SQLAlchemy · Unit of Work · Vue 3 · Docker

A logistics simulation with backend-owned delivery rules. The API checks routes, cargo and battery constraints; the interface renders server results. Separated domain services and persistence, with automated tests and reproducible Docker Compose startup.

Support Assistant · Source

FastAPI · OpenRouter · JSON Schema · Pydantic · Redis · Vue 3

An IT-ticket demonstration under development. An LLM proposes a department; the user confirms or changes it before description generation. Schema validation, retries, timeouts and shared quotas control the external integration. Ports isolate the model provider from application logic.

Geospatial ETL Pipeline · Source

Python · Apache Airflow · PostgreSQL · MinIO/S3 · Shapely

Four Airflow DAGs linked by Asset events read locality polygons, generate coordinate grids, call Yandex Geocoder under API quotas and export deduplicated district data. MinIO/S3 stores intermediate results between stages; dynamic task mapping parallelizes geocoding requests.

Portfolio Deployment · Source

Python · GitHub Actions · Docker Compose · Caddy · SQLite

A container deployment platform with a Python planner and executor. GitHub Actions integrates signed-release and image-digest verification; Docker Compose and Caddy provide application runtime and routing. Readiness checks, a SQLite journal and scoped rollback/recovery support controlled changes.