Danil Miftakhov

Python Data / ETL Developer

Yerevan, Armenia · Open to remote work and relocation

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PROFILE

Data / ETL developer working with PostgreSQL/PostGIS, SQL and Python. Commercial experience since 2022 includes extraction, transformation, bulk imports and exports of geospatial data. Personal projects demonstrate Airflow orchestration and MinIO/S3 intermediate storage.

CORE SKILLS

SQL / Storage	PostgreSQL · PostGIS · SQL · psycopg · SQLAlchemy
Portfolio ETL	Apache Airflow · MinIO/S3 · Shapely · PyProj
Processing	Python · Batch processing · CSV / Excel / JSON · API integration
Quality / Tools	pytest · Docker · Linux · GitHub Actions · pandas

PROFESSIONAL EXPERIENCE

Software Engineer · Maxim Technology

February 2022 – Present · Remote

- Develop and maintain Python/SQL workflows for address and geospatial data normalization, enrichment, bulk imports and exports in PostgreSQL/PostGIS.
- 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.
- 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

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.

MaximML · Source

scikit-learn · pandas · FastAPI · SQLAlchemy · React

A California Housing regression application. Saved scikit-learn Pipelines preserve fitted preprocessing for inference; train/test separation precedes fitted transforms. FastAPI exposes training and prediction with persisted training history and a React interface.

Task Service API · Source

FastAPI · PostgreSQL · SQLAlchemy 2 · Alembic · pytest

An asynchronous API for tasks, users and services. Relational models, migrations and database triggers support persistence rules; service boundaries separate HTTP handling from database access. Integration tests exercise the API.

Portfolio Deployment · Source

Python · GitHub Actions · Docker Compose · Caddy · SQLite

A Python platform for reproducible container application delivery. Validated manifests and immutable image digests define the target state; GitHub Actions verifies release evidence. A SQLite journal, readiness checks and scoped rollback/recovery preserve explicit deployment state across failures.