



# Denis Golikov

Automation Engineer (Python / Airflow / SQL)

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## ABOUT ME

Python developer; I automate manual processes, calculations and reporting. On my current project — recurring operations and data preparation.

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## EXPERIENCE

### Python Backend Developer (automation & reporting)

May 2025 — present

#### RTK — Digital Document Management (Rostelecom group, government contract)

- Backend logic and automation in Python
- Airflow pipelines for regular data processing
- PostgreSQL and MS SQL; optimized heavy raw SQL queries (30–70% faster)
- Migrated and adapted SQL logic from MS SQL to PostgreSQL
- Reporting subsystem built with Data Vault 2.0
- Automated report preparation in Airflow, reducing manual work by 40–60%
- Advanced SQL — CTEs, window functions, aggregations, temp tables; reverse-engineering legacy code

Python, Airflow, PostgreSQL, MS SQL, SQL, Data Vault, ETL, Git

### Backend Developer

March 2024 — May 2025

#### Production Reserves LLC (Kazan)

- Backend for a mobile app — API, DB, integrations with external services
- REST API on Django REST Framework for internal and external services
- SQL and DB optimization (PostgreSQL, Django ORM, SQLAlchemy) — average API response time –30%
- CI/CD on GitLab CI — manual deploy time cut by more than 2×
- Deferred/periodic tasks on Celery + RabbitMQ
- Containerization (Docker, docker-compose), logging & monitoring (ELK, Prometheus, Grafana)
- Auto API docs via drf-spectacular; unit and integration tests

Python, Django, DRF, PostgreSQL, SQLAlchemy, Celery, RabbitMQ, Docker, GitLab CI, Pytest, ELK, Prometheus, Grafana, REST API

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## SKILLS

**Languages & DB:** Python, SQL, PostgreSQL, MS SQL, SQLAlchemy

**Data & ETL:** Apache Airflow, ETL, Data Vault, SQL optimization

**Backend:** FastAPI, Django, Django REST Framework, REST API, Celery, RabbitMQ, Redis, Microservices, API integration

**Infrastructure:** Docker, Git, GitLab CI, CI/CD, Linux, Pytest

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## EDUCATION & LANGUAGES

BSc 2025, Kazan Federal University — Computational Mathematics & IT (Information Systems & Technologies)

Russian (native), English B1, Spanish A2