

Karim Sharifullin

Data Engineer / DWH & Data Quality

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📍 Moscow, Russia (*Open to relocation*)

👤 Professional Summary

Data Engineer with banking-sector experience, specializing in data quality, DWH architecture, and ETL pipeline development. Bridging the gap between business logic and data infrastructure — formalizing requirements from domain teams (Risk, ML, Corporate, Retail) and translating them into reliable, production-grade data flows. Proficient in SQL, Python, Airflow, and dbt with a strong focus on data modeling, data governance, and lineage tracking.

⚙️ Key Skills

Data Analysis & Modeling: Data Warehousing (DWH), Logical Data Modeling, ETL/ELT, Data Quality, Data Vault

Languages & Databases: SQL (Advanced complex queries, PostgreSQL, Hive, Impala), Python

Tools & Technologies: Airflow, dbt, Kafka, Power BI, DataLens, REST API, Docker

Methodologies: Data Governance, Business Requirements Translation, Data Lineage tracking

🏢 Experience

Alfa-Bank

June 2024 — Present: *Data Engineer / Moscow (Hybrid)*

- Collaborate with domain teams (ML, Risk, Corporate & Retail Business) to formalize data needs and translate them into structured ETL requirements.
- Build ETL pipelines using Python, SQL, and Airflow.
- Implement data quality controls — PSI tracking, partition availability, data drift detection using gradient boosting and time-series models.

Stack: Python, SQL, Airflow, Kafka, Internal DWH Tools

Freelance | Self-Employed

December 2023 — June 2024: *Python Backend Developer / Remote (Part-time)*

- Developed a fitness Telegram bot with caching (Redis), background task processing (Celery), payment integration (Google Cloud), and S3 file storage.
- Built a web service with OAuth 2.0 / JWT auth, PostgreSQL schema design, and an AI chat assistant via GPT API.

Stack: FastAPI, PostgreSQL, Redis, Celery, Docker

NurFinance

July 2022 — May 2024: *Data Analyst & Backend Developer / Kazan (Remote)*

- Cleaned, structured, and integrated data from multiple sources to build reliable data marts for business analytics.
- Built financial dashboards in **Power BI** and **DataLens** tracking revenue, expenses, and profitability.
- Automated data acquisition via web scraping and **REST API** integrations.
- Formalized documentation for data integration points, database schemas, and analytical processes.

Stack: Python, SQL, REST API, Power BI, DataLens, Docker

🎓 Education and Certificates

Higher School of Economics

Degree: Computer Science and Data Analysis

Istanbul University

Program: Bachelor's degree, Economics (2 years)

Data Science Course by Tinkoff

Issued: June 2022

🗣️ Languages

🌐 Russian — Native

🌐 English — Upper-Intermediate (B2)

🌐 Turkish — Intermediate (B1)