

SARDORBEC SUYUNOV

Data Engineer | Data Warehousing & Analytics Engineering

Tashkent, Uzbekistan

suyunov2953@gmail.com | sardorbek_suyunov@epam.com

github.com/sardorbek-suyunov | [linkedin.com/in/sardorbek-suyunov-0b7a752a6/](https://www.linkedin.com/in/sardorbek-suyunov-0b7a752a6/)

<https://sardorbek.codes>

SUMMARY

Data Engineer with 3 years of professional engineering experience, currently building layered data warehouses and ETL pipelines at EPAM Systems. I design ODS-to-data-mart architectures, implement incremental loads with deduplication and history handling, and own pipelines end to end - from source system analysis through SQL and Python transformation logic to validated, documented, auditable data marts and the BI layer on top. Strong SQL and dimensional modelling fundamentals, cloud warehouse experience across BigQuery and Redshift, and a habit of writing the documentation and data-quality checks that make financial data trustworthy. English C2.

TECHNICAL SKILLS

SQL & Modelling	Advanced SQL (window functions, CTEs, analytical queries), PL/pgSQL, PostgreSQL, dimensional modelling (3NF, Star, Snowflake), ODS / staging / data mart layering, incremental loads, deduplication, historical data handling
Data Warehousing	Google BigQuery (partitioning, clustering, cost-aware querying), Dataform, Amazon Redshift, Amazon RDS
Orchestration & ETL	Apache Airflow (DAG authoring, scheduling, dependencies), ETL/ELT pipeline design, source-to-target mapping
Programming	Python (pandas, data processing, ETL scripting), Java, C++
Cloud	GCP (BigQuery, Dataform, Cloud Storage), AWS (S3, Redshift, RDS, EC2, IAM, Athena, Glue Crawler)
Data Quality	Completeness / transformation / referential-integrity validation, data profiling, reconciliation, PyTest-based test suites, data governance and audit documentation
BI & Reporting	Power BI (DAX, Power Query, semantic modelling)
Tools & Practice	Git, Jira, Docker, DBeaver, Jenkins CI, Linux CLI, Agile / SDLC, GitHub Copilot & Claude for development
Languages	Uzbek (native), English (C2), Russian (B2)

PROFESSIONAL EXPERIENCE

Data Engineer / Analytics Engineer

Oct 2025 - Present

EPAM Systems, Tashkent

Data Analytics Engineering and Data Quality delivery track - end-to-end warehouse, pipeline and reporting work on internal client projects.

- Designed a layered data warehouse architecture - staging/ODS, 3NF integration core, and Kimball star-schema data marts - across 11 source tables, choosing the layer boundaries so that every mart figure is traceable back to its source record.
- Built the full DWH load in PL/pgSQL stored procedures, implementing incremental loading with NOT EXISTS deduplication and history handling so re-runs stay idempotent; reduced daily refresh from around 28 to 13 minutes.
- Analysed source systems and produced source-to-target mappings and data-flow documentation covering 14 entities (over 50 attributes), used as the reference for development and validation.
- Built cloud ingestion on AWS: raw CSV/XLSX staged in S3, loaded to Redshift via COPY, with RDS PostgreSQL for operational data and IAM-scoped role-based access.
- Wrote automated data-quality suites in PyTest covering row-count completeness, transformation accuracy and referential integrity; investigated and resolved 250+ discrepancies between source and mart layers.
- Optimised slow-running SQL through indexing, join rewrites and partitioning fundamentals; ran load testing in JMeter via Jenkins CI.
- Delivered 5+ Power BI dashboards on top of the marts, connecting directly to Redshift and writing DAX measures for revenue, margin and payment KPIs.

- Gathered and clarified requirements with stakeholders, translating business questions into modelling and pipeline decisions inside an Agile/SDLC process.

Software Engineer

Feb 2023 - Oct 2025

VYXEL Games (contract, via Upwork)

UEFN and Unreal Engine 5 experiences and client interactive applications, in an Agile team of 4-5.

- Architected event-driven systems that decoupled logic from content, enabling designers to ship new modes without engineering involvement.
- Built data-driven configuration structures for mechanics and state machines, replacing hard-coded logic across 15+ systems and cutting iteration time.
- Profiled and eliminated runtime bottlenecks, improving performance on target hardware by around 31%.
- Worked directly with clients and designers to scope, estimate and deliver features against deadlines.

Reference: [Erkinov Jahongir \(Upwork\)](#)

PROJECTS

Enterprise Data Warehouse - PostgreSQL

github.com/sardorbek-suyunov/enterprise-data-warehouse-postgresql

PostgreSQL | PL/pgSQL | ETL | 3NF | Star & Snowflake schema

- 3NF integration core plus dimensional marts, loaded by PL/pgSQL ETL with validation and referential-integrity enforcement, documented with architecture diagrams, data-flow and model specifications.

Financial Performance Dashboard

github.com/sardorbek-suyunov/Financial-Performance-Overivew

PostgreSQL | Power BI | DAX | Power Query | Star & Snowflake schema | Time Intelligence

- Multi-entity financial dashboard covering the income statement, balance sheet and executive KPIs, with MTD/YTD reporting and benchmark analysis against budget and prior year across profitability, assets, liabilities and G&A expenses.

Sales Analytics Data Mart & Dashboard

github.com/sardorbek-suyunov/powerbi-sales-dashboard

Power BI | DAX | Power Query | PostgreSQL | Star schema

- Star-schema mart and executive dashboard covering revenue, profit, customer behaviour and payment analytics, with drill-through by geography, product category and seller.

IUT Community Platform - Backend & Data

<https://github.com/nurmukhammad767/iut-community>

FastAPI | PostgreSQL | MongoDB | Redis | RabbitMQ | Airflow | Docker

- Designed the relational schema behind multiple university services and built Airflow-orchestrated background data workflows across relational and document stores, in a multi-developer Agile team.

EDUCATION

Inha University in Tashkent

2023 - 2027

BSc, Computer and Information Engineering | GPA 4.14 / 4.5

Relevant coursework: Databases, Database Application & Design, Data Structures, Algorithms, Discrete Mathematics, Probability & Statistics, Operating Systems, Computer Networks

CERTIFICATIONS

- EPAM Data Analytics Engineering - Specialization Program, 2026
Python | DWH/ETL | PostgreSQL | Cloud (AWS) | Power BI | Data Quality Engineering
- EPAM Data Analytics Engineering - Stage 1 Fundamentals, 2026
- AWS Essential Training for Developers - LinkedIn Learning
- Huawei ICT Academy - General Knowledge of Computer Networks