

SINO SAFAROV

Junior Data Engineer | BI & Analytics

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Eligible to work in the Czech Republic (student visa — part-time work permitted)

SUMMARY

Data Engineering-focused Master's student (Business Informatics, VŠE Praha) with a strong SQL and Python foundation from a Computer Science bachelor's. Designs and ships end-to-end data pipelines — ingestion, storage, scheduling, and delivery — that run in production, not just notebooks: a live Telegram bot with a self-hosted PostgreSQL backend, and a 100k+ row SQL analytics project built on real e-commerce data. Comfortable with the full pipeline lifecycle: scraping/API ingestion, schema design, deduplication logic, containerization, and automated reporting. Targeting a junior Data Engineering or BI Analytics role in Prague.

SKILLS

- **Languages & Querying:** Python, SQL (CTEs, window functions, query optimization)
- **Data Engineering:** ETL/ELT pipeline design, data ingestion (API & web scraping), PostgreSQL, job scheduling & automation, Docker containerization, deduplication logic
- **Data Modeling & Analysis:** Relational schema design, data modeling, RFM & cohort analysis, KPI reporting
- **Tools & Practices:** Git/GitHub, scikit-learn, Linux CLI, Docker Compose, Railway (cloud deployment)

PROJECTS

JobRadar — Telegram Bot for Job Discovery

2026

Python · PostgreSQL · Docker · Telegram Bot API

- Built and shipped a production Telegram bot (@jobradar_prague_bot) that automates junior Data Engineering / BI job discovery, scraping listings from Jobs.cz and StartupJobs.cz on a schedule.
- Designed a normalized PostgreSQL schema with deduplication logic to store listings and drive a daily digest, replacing manual job-board checking with automated delivery.
- Containerized the full application with Docker for reproducible deployment; scraped 255 live vacancies on first run. Currently migrating to Railway for 24/7 uptime.

E-Commerce SQL Analysis

2026

PostgreSQL 17 · SQL

- Ran an end-to-end SQL analysis on the Olist Brazilian e-commerce dataset (100k+ orders), turning raw transactional data into analysis-ready insights.
- Wrote analytical queries covering sales performance, customer segmentation (RFM), and delivery KPIs using CTEs and window functions.
- Designed and indexed the PostgreSQL schema for efficient querying at scale, structuring data for repeatable reporting.

EDUCATION

MSc Business Informatics — Business Intelligence Specialization

2026 – 2028

Prague University of Economics and Business (VŠE Praha), Faculty of Informatics and Statistics

- Coursework: Data Engineering, Digital Transformation, Innovation in Business Informatics, Software Development and Testing Methods.

BSc Applied Computer Science

2021 – 2025

Russian-Tajik Slavonic University

- Core coursework in algorithms, databases, and software engineering; four years of Python and SQL.

LANGUAGES

Czech — B2 | English — B2 | Russian — Native | Tajik — Native