Shahin Yusifli

I have over two years of experience in data analysis and data engineering. In different projects, I have used **Power BI**, **SQL Server Analysis Service**, **Azure SQL Data Warehouse, Azure Databricks, Azure Data Factory, Oracle BI, PL/SQL, Airflow, and Git/GitHub.** Also, I am so motivated and open to new technologies, and work disciplines.

CONTACTS

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EXPERIENCE

Data Analyst/Engineer, Agile Solutions, 01/2020 – 06/2021

Creating **data-driven infrastructure for the Azerbaijan Republic State Migration Service** and creating and maintaining **ETL pipelines and reporting infrastructure for the data warehouse of Unibank**

- I have created reports that consist of quantitative bivariate and univariate analysis and modeling data in **Power BI**.
- I have created and maintained tabular models in **SQL Server Analysis Service** with **Microsoft Studio**.
- I was responsible for cleaning and transforming data with **Apache Airflow**.
- I have produced and updated **Airflow** workflow documentation, including task dependencies, **DAG (Directed Acyclic Graph)** definitions, and workflow schedules.
- I have maintained and created stored procedures in **Oracle** with **PL/SQL Schema objects** such as **Cursors**, **Triggers**, and **Stored Procedures** for **ELT** pipelines.
- I have created more than 80 **ETL** pipelines in **Azure Databricks** from different external and internal data sources to **Azure SQL Data Warehouse** and monitoring these pipelines runs in **Azure Data Factory**.
- I have used **MySQL sys Schema** and **MySQL Performance Schema** for monitoring and getting data to daily performance reports of **ELT** pipelines.

Technologies: Power BI, SQL Server Analysis Service, Apache Airflow, PL/SQL, Azure Databricks, Azure Data Factory, Azure SQL Data Warehouse, MySQL

Software Engineer, SOLITA OÜ, 03/2022 – 06/2023

Provide ETL pipelines for business intelligence solutions in the **PS Lifestyle project (https://pslifestyle-app.net/)** and an **internal discussion form for DevAcademy of Solita**.

- I have contributed to the performance improvement of **MySQL** by tuning server options and query optimization.
- I have developed data pipelines for Dashboard, Login, and Registration pages for an internal communication app for DevAcademy of Solita with **JavaScript**, **React**, **Cypress**, **Jest**, **Bootstrap**, and **.NET 6 WEB API.**
- I have implemented the API networking for the Questionnaire, Recommendations, and Results functionality of the PS Lifestyle app with **TypeScript, React, Tailwind CSS, and Firebase**.
- I have built **Power BI** reports with qualitative bivariate and univariate analyses in the PS Lifestyle project.

Technologies: C#, NET Web API, Power BI, MySQL, TypeScript, JavaScript, React, Bootstrap, Azure Functions, Azure Logic Apps.

EDUCATION

Computer and Systems Engineering (MSc), Tallinn University of Technology, 06/2021 - 06/2023.

Management of Information Systems (MSc), Baku Engineering University, 06/2019 - 06/2021.

Mechatronics, Robotics, and Automation Engineering (BSc), Azerbaijan Oil and Industry University, 06/2015 - 06/2019.

SKILLS

· **Power BI, SQL Server Analysis Service, Apache Airflow, PL/SQL**

· **JavaScript, TypeScript, Node.js, React, Cypress, Jest, Bootstrap, Tailwind**

· **Azure Databricks, Azure Data Factory, Azure SQL Data Warehouse, MySQL**

· **C#. NET Web API, Java, Spring Boot, Python, Django**

PERSONAL PROJECTS

- **Data operations of company database with PL/SQL (Oracle, PL/SQL, SQL Developer) –** The project consists of data operations of the company database where schema objects (triggers, functions, stored procedures, cursors, and packages) are used.
  https://github.com/shahinyusifli/SQL_daily_tasks_small_company
- **Quantitive data analytics of FDIC failed banks dataset (Power BI, DAX) –** Example univariate and bivariate visualizations in Power BI.
  https://github.com/shahinyusifli/data-analysis-of-fdic-failed-banks
- **Web API for movie websites (Java, Spring Boot, MongoDB) –** People can create, delete, edit, and add reviews to movies.
  https://github.com/shahinyusifli/movie_list_API
- **Social media platform (.NET Web API, React, SQL, React Material UI) –** People can share and rate their posts.
  https://github.com/shahinyusifli/discussion_forum_net
  https://github.com/shahinyusifli/discusion_form_front_end
- **Farm data analysis (Django, SQL, Pandas, Data Visualization, Bootstrap) –** This project aims to upload and process CSV files using filters with various granularities. Data can be uploaded to databases using Pandas and Numpy which are filtered and verified.
  https://github.com/shahinyusifli/solita_dev_academy

LANGUAGES

- English - Full Professional Proficiency
- Azerbaijani - Native or Bilingual Proficiency
- Estonian - Elementary Proficiency