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. |
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# 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/**](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.** |
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# 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. |
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# 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** |
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# 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/discussion_forum_net%20) <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](https://github.com/shahinyusifli/solita_dev_academy%20) |
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# Languages

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