

Nursultan

Experience

EPAM SYSTEMS, DATA ENGINEER:

FEBRUARY 2022 - NOW

- Worked on multiple large-scale data migration and optimization projects for cloud-based solutions.
- Led the migration of a 20+ TB data warehouse from Oracle to AWS PostgreSQL Aurora, reducing query execution time by 40%.
- Automated ETL processes using AWS DMS and HVR, improving system reliability and minimizing downtime.
- Ensured smooth operation across QA, PROD, and DEV environments using Flyway for version control and deployment.
- Collaborated with cross-functional teams to design and implement robust data models (both logical and physical), enhancing overall system architecture.

PRIME SOURCE, DATA ENGINEER:

DECEMBER 2022 - DECEMBER 2023

- Participated in projects for various sectors, including tax, atomic, and fintech companies.
- Developed data marts and optimized SQL queries, enhancing data processing and reporting capabilities.
- Streamlined data pipelines using Pentaho DI resulting in a 18% increase in data processing efficiency.

EURASIAN BANK, DATA ENGINEER:

JANUARY 2021 - FEBRUARY 2022

- Led the migration from Oracle 12 to Oracle 19, ensuring seamless data transition with minimal downtime.
- Automated ETL processes across four databases (IBM DataStage, MariaDB, MySQL, MSSQL, Oracle), reducing data integration time by 20%.
- Developed and optimized SQL queries, procedures, and functions in Oracle to enhance reporting efficiency.
- Created a Python-based alert system, replacing a costly SMS solution, saving the company \$66,000 annually.

KASPI.KZ, DATA ENGINEER

AUGUST 2020 - JANUARY 2021

- Participated in the development of an online credit scoring system serving over 14 million active clients.

Projects

MENTORSHIP PROGRAM

- Mentored 15 individuals in Data Engineering, providing guidance on best practices, tools, and techniques to enhance their skills and career prospects.

DATA VISUALIZATION

- Aggregated data from Azure Data Lake Storage, transformed it using Azure Data Factory (ADF), and loaded it into Azure SQL Database.
- Created interactive dashboards in Power BI to visualize data insights effectively.

TECHNICAL CONTENT DEVELOPER

- Prepared technical materials and resources for students, explaining complex topics in Data Engineering and recorded screencast lessons to facilitate understanding of key concepts.

Education

- International IT University, Almaty, Kazakhstan – Bachelor, 2022
- UITM MARA, Kuala-Lumpur, Malaysia - Bachelor, 2020
- Nazarbayev Intellectual School, Shymkent, Kazakhstan – High School, 2018

Honors and Awards

- Letter of Appreciation | From the President of Kazakhstan, Kassym-Jomart Tokayev