

## OBJECTIVE

Data Engineer with 3+ years of experience. Well acquainted with Big Data, ETL/ELT, Data Warehouses, Analytics, Cloud Computing.

## SKILLS

**LANGUAGES & SKILLS:** Python, Java, Bash, Jenkins CI/CD, SQL, Oracle, PostgreSQL, MySQL, MariaDB, ClickHouse, AWS, EC2, HVR, AWS SCT, AWS DMS, Oracle BI, APEX, Pentaho DI, IBM DataStage, GIT, Django

## EXPERIENCE

### Software Engineer | EPAM Systems | Almaty, Kazakhstan | Feb 2022 - Present

- Researched and provided optimal version of migrating Big Data from on premis to Cloud
- Migrated 20 TB data warehouse including stored procedures, triggers, functions and ETLs from Oracle to PostgreSQL Aurora

#### HIGHLIGHTED PROJECTS:

##### Key Developer | Media Company | Migration

- Converted PL/SQL objects (Tables, Views, Functions, Procedures, Packages, Jobs, Sequences) to PL/pgSQL language and Java based objects to PostgreSQL
- Replicated data using AWS Database Migration Service (DMS) and HVR
- Creating jobs and controlling in HVR (Start/Stop jobs, Capturing)
- Engaging directly with customers and fulfilling their needs and requests
- Assessing the data structure of diverse databases
- Implemented modifications across multiple environments, including QA, DEV, PROD, and Test using Flyway.

##### Data Analyst | Telecommunication company

- Analyzed different databases and sources (SAP, Hadoop, 1C, Commutators)
- Participated in Data Modeling activities, working closely with cross-functional teams to design and implement robust data models (Logical and Physical data models)
- Collaborated with business stakeholders to gather requirements, conducted thorough data profiling, and validated the accuracy and quality of data sources

### Data Engineer | Eurasian Bank | Almaty, KZ | Jan 2021 – Feb 2022

- Automated the ETL and algorithms that melded data from 5 different databases (IBM DataStage, MariaDB, MySQL, MSSQL, Oracle)
- Patch Management: Led the end-to-end migration process, encompassing data analysis, schema modifications, data transformation, and code refactoring. Ensured a seamless transition from Oracle 12 to Oracle 19, minimizing downtime and preserving data integrity.
- Developed packages, functions, jobs, procedures in Oracle and optimized the SQL queries
- Preparing monthly data for report using Oracle BI, APEX

#### Free Alert System | Developer

- **Developed cost-saving solution:** Created a Python-based alert and error sender from Oracle Database to Teams, replacing the previous paid SMS alert system.
- **Achieved significant cost reduction:** Eliminated the need for paid SMS services, resulting in an annual cost savings of approximately \$66,000 for the company.

### ETL Developer | Prime Source | Almaty, KZ

#### Key Developer | National tax company

- Developed data marts and optimized SQL queries, enhancing data analysis and reporting capabilities.
- Leveraged Pentaho DI to streamline data pipelines, enabling efficient data processing and transformation.
- Utilized ClickHouse, a columnar database management system, for high-performance data storage and retrieval.

#### Data Engineer | National Atomic company

- Configured scheduled data loading: Leveraged Python to configure scheduled data loading processes from SAP and 1C systems, enabling the seamless integration of data into the company's data infrastructure.

## EDUCATION

### International Information Technology University | Almaty, KZ 2018

*Bachelor* Computer Science and Software Engineering

### University Technology of MARA | Kuala-Lumpur 2020

*Academic mobility* Computer Science