

## **PROFESSIONAL SUMMARY**

Business Intelligence Developer with over 6 years of experience in implementing data replication processes, optimizing queries, and streamlining data extraction processes. Proven ability to enhance data quality, reduce problem-detection time, and improve cross-department collaboration. Skilled in developing complex queries, executing database scripts, and creating automated testing processes. Commended for identifying and resolving critical data issues, preventing release delays, and saving substantial costs.

## **PROFESSIONAL EXPERIENCE**

### **Data Developer**

**Jun 2020 - Aug 2022**

#### **NetCracker Technology, Ukraine**

*NetCracker Technology is a global software company headquartered in Waltham, Massachusetts, with over 10,000+ employees and \$5 billion in revenue.*

- Implemented replication processes between the Object Database (ODB) and the Relational Database (RDB) System using Data Mappings for appropriate data transformation between source and target schemas, which were used to increase execution speed and decrease the complexity of reports.
- Successfully configured files for initial data load using Data Pump utilities, and Extract threads for incremental data load with Oracle GoldenGate Technology from the Relational Database (RDB) System and Billing Accounts to the external client's system.
- Prepared scripts for automating the installation of servers in different replication modes, applying Data Mappings and Health Check scripts after all manipulations, with the help of a Continuous integration (CI) job that reduced manual efforts.
- Developed complex queries and executed database scripts to extract crucial performance metrics for data visualization in the Dashboard Monitoring System, which finally reduced the problem-detection time.
- Implemented data manipulation removal scripts, leveraging parallel execution techniques on large-scale tables; enhanced data quality by eliminating duplicate entries, resulting in more accurate data analysis and reporting.
- Coordinated with the customer's support team in resolving emergent issues related to the customized process of data extraction for accurate client reporting, enabling effective cross-department collaboration.
- Optimized queries for calculating critical metrics in the jobs that run once a day and have a limited execution window, which are used in reports.

### **Data Developer**

**May 2013 - Apr 2017**

#### **NetCracker Technology, Ukraine**

- Created an automated testing process for software using Continuous integration(CI) Jenkins and TestNG automation testing framework. Used YAML and XML to store testing parameters and configurations, which reduced manual testing efforts and improved product quality.
- Collaborated with the Business Analyst department for creating standardized Data Mappings Tool Set for reducing time of developing transformation rules.
- Commended for identifying and fixing a data issue in the pre-production environment within 8 hours, preventing a critical release delay on the production server, and saving hundreds of thousands of dollars.
- Improved critical project reports by leveraging materialized views, resulting in a 30% reduction in execution time.

## **EDUCATION**

- Master of Science (MS), Computer Science, Odesa State Polytechnic University, Ukraine
- Bachelor of Applied Science (B.A.Sc.), Applied Mathematics, Odesa State Polytechnic University, Ukraine

## **CERTIFICATES**

- [AWS Certified Cloud Practitioner](#) 02/2024
- Statistics for Data Science and Business Analysis, 2023
- Tableau 2023 A-Z: Hands-On Tableau Training for Data Science, 2023
- Google Data Analyst Professional Certification Program, Coursera 02/2023 - 07/2023

## **SKILLS**

Data Analytics: SQL (Oracle, T-SQL), Microsoft Power BI, Tableau, Microsoft Excel; Programming languages : Python (Pandas, NumPy, Matplotlib, Seabon), PL/SQL, Java; Technical Tools: Oracle Golden Gate (Replication tool with ETL capabilities), TestNG, SQL\*Loader(sqlldr); Cross Functional Collaboration (JIRA, Git, GitHub, TortoiseSVN), Data manipulation, Data mapping, Replication, Data modeling, Relational Databases, Data Extraction, Statistics