Tetiana Klitna
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PROFESSIONAL SUMMARY

Business Intelligence Developer with 5+ years of experience in implementing replication processes between databases using data mappings and Oracle SQL to increase speed and reduce report complexity. This involved configuring data loads, preparing health check scripts, developing complex queries for monitoring dashboards, and implementing data manipulation removal scripts leveraging parallel execution to enhance data quality.

Demonstrated expertise in data engineering, SQL, automation, reporting, and leveraging various technologies to optimize data processes, quality, and performance.

PROFESSIONAL EXPERIENCE

Business Intelligence Engineer   **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 involving Oracle SQL 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 Oracle Data Pump utilities, and Extract threads for incremental data load utilizing Replication Oracle GoldenGate Technology with ETL capabilities from the Relational Database (RDB) System and Billing Accounts to the external client's system.
- Prepared a Health Check script that gathered information about the custom replication process, which was used to investigate the state of the server after restoring from a snapshot and check the status of replication.
- 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.

Business Intelligence Engineer   **May 2013 - Apr 2017**
NetCracker Technology, Ukraine
- Optimized queries with Oracle SQL for calculating critical metrics in the jobs that run once a day and have a limited execution window, which are used in reports.
- Created an automated testing process for software using the TestNG framework in Java automation testing framework in Java, utilizing 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 quality 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
- Data Analyst in Microsoft PowerBI, Datacamp, 2024
- AWS Certified Cloud Practitioner, 02/2024
- Tableau 2023 A-Z: Hands-On Tableau Training for Data Science, 2023
- Statistics for Data Science and Business Analysis, 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