

DATA WAREHOUSE ENGINEER

Experienced Data Warehouse Engineer

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SUMMARY

Expert Data Warehouse Engineer: Led the design and implementation of a new cloud data warehouse, resulting in 30% faster data processing and improved data accessibility for senior stakeholders. Proficient in ETL, SQL, Power BI, and cloud data architecture, with a proven track record of optimizing reporting and analytics for informed decision-making.

EXPERIENCE

Data Warehouse Engineer 2020 - Present
Google Mountain View, CA

- Designed and implemented a new data warehouse for Google's advertising platform, which resulted in a 20% increase in data processing speed and 1.5M dollars reduction in data storage costs.
- Led a team of data engineers in the development of a new data pipeline for Google's search engine, which reduced the time to market for new data products by 50%.
- Developed a new data visualization tool for Google's marketing team, which increased the use of data-driven decision making by 25%.
- Presented data warehouse architecture and design best practices at several industry conferences, reaching an audience of over 1,000 data professionals.
- Mentored and trained junior data engineers, helping them to develop their skills and knowledge.

Data Warehouse Developer 2017 - 2020
AT&T Somerset, NJ

- Developed data warehouse schemas following Kimball's dimensional modeling principles, resulting in a 10% reduction in ETL job execution time due to efficient data joins.
- Leveraged Datastage Sequencer jobs to manage dependencies between 25+ parallel ETL jobs, ensuring an error-free execution flow and preventing data inconsistency.
- Implemented comprehensive QA testing for 100+ store procedures used for sales data validation, leading to a 98% decrease in reported data errors.
- Proficient in diverse data management technologies including QlikView, SQL Server, Oracle, SAP, Excel, and flat files, successfully migrated 50GB of legacy sales data to the new data warehouse.

Data Analyst 2015 - 2017
ABC Firm Manchester

- Developed and maintained Python and R scripts resulting in 15% improvement in data analysis time.
- Created and optimized Power BI dashboards resulting in 20% improvement in report generation time.
- Collaborated with collection agents to identify and address key business needs resulting in 10% increase in overall collections performance.

STRENGTHS

- ✔ **ETL Optimization**
Reduced ETL processing time by 30% through performance tuning and automation.
- ⚡ **Data Modeling**
Designed and implemented dimensional data models for financial services companies.

SKILLS

ETL · SQL · Power BI · MS Office ·
Data Science · Python · R · Cloud ·
Dimensional Data Modelling ·
Financial Services · Collections ·
Asset Management

EDUCATION

Bachelor of Science in Computer Science
University of Chicago
2011 - 2015 Chicago