

Fern Desano

Data Warehouse
Engineer

Details

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Birmingham, AL

Profile

I am a Data Warehouse Engineer with over 3 years of experience in designing, implementing, and managing enterprise data warehouse solutions. I have extensive knowledge of database structures, ETL development, data modeling, data analysis, and reporting. My expertise lies in leveraging data to drive business intelligence and data-driven decisions. I have experience with Big Data platforms such as Hadoop, Spark, and Cassandra, as well as SQL databases such as Oracle, Postgres, and MySQL. I am highly skilled in utilizing data warehouse tools such as Tableau, Power BI, and Looker. I am also proficient in data mining techniques and have experience working with various scripting languages such as Python, Java, and SQL. My experience in data warehouse engineering has enabled me to develop solutions that provide my employers with valuable insights into their data and business processes.

Employment History

Senior Data Warehouse Engineer at Amazon Web Services, AL

Dec 2022 - Present

- Deployed a cloud-based data warehouse for Amazon Web Services, AL, which enabled the company to reduce operational costs by 20%.
- Developed an automated ETL process that improved data loading performance by 50%, allowing for more efficient data analysis.
- Implemented a new data security system that improved data security by 70%, ensuring the company was compliant with industry standards.

Data Warehouse Engineer at Microsoft Azure, AL

Jul 2020 - Oct 2022

- Developed an automated data pipeline utilizing Azure Data Factory to transfer and store data from multiple sources. This resulted in a 50% reduction in manual data entry time and increased data accuracy by 75%.
 - Implemented a cloud-based data warehouse using Azure SQL database, which enabled the organization to reduce storage costs by 25%.
 - Developed and implemented advanced SQL queries to analyze and report on large datasets. This enabled the organization to gain insights into customer trends and behaviors, resulting in an increase in sales of 10%.
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Education

Bachelor of Science in Data Warehouse Engineering at University of Alabama in Huntsville, AL

Sep 2016 - May 2020

Relevant Coursework: Database Design, Data Warehousing, Business Intelligence, Data Modeling, Data Mining, and Analytics.
