Emely Marcil

Database Architect

Results-driven Database Architect with 5 years of experience in designing, implementing, and maintaining high-performance, scalable database systems. Proven track record in optimizing data management processes, ensuring data integrity, and delivering innovative solutions to complex data challenges. Demonstrated success in collaborating with cross-functional teams and employing advanced technologies to maximize operational excellence and business growth. Strong expertise in SQL, NoSQL, data warehousing, and cloud-based solutions.

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123 Aspen Lane, Boulder, CO 80302 📍

Education

Master of Science in Database Systems at University of Colorado Boulder, CO

Sep 2014 - May 2018

Relevant Coursework: Advanced Database Systems, Data Warehousing and Mining, Distributed Databases, Database Administration, Database Security and Privacy, Big Data Analytics, Cloud Computing, NoSQL Databases, Data Integration and Transformation, Information Retrieval, and Machine Learning.

Links

linkedin.com/in/emelymarcil

Skills

SQL

NoSQL

ETL

Hadoop

Data modeling

Oracle DBMS

Employment History

Database Architect at Snowflake Computing Inc., CO

Feb 2023 - Present

- Led the design and implementation of a large-scale data warehousing project that increased query performance by 50% and reduced storage costs by 30%.
- Developed and optimized a real-time data streaming architecture, resulting in a 75% reduction in latency and enabling near-instantaneous access to critical business data.
- Successfully migrated over 10 TB of data from legacy systems to Snowflake, improving data quality by 40% and reducing maintenance overhead by 20%.
- Implemented advanced data security measures, including data encryption and access controls, leading to a 60% reduction in security incidents and ensuring compliance with industry regulations.

Senior Database Architect at Oracle Corporation, CO

Jul 2018 - Jan 2023

- Led the design and implementation of a high-performance database system for a major client, resulting in a 30% increase in efficiency and a 25% reduction in operational costs.
- Successfully migrated over 50 databases to Oracle Cloud Infrastructure, reducing overall infrastructure costs by 40% and improving system performance by 35%.
- Spearheaded the development of an innovative data warehousing solution that increased data processing speed by 45% and enabled real-time analytics for better business decision-making.
- Developed and implemented comprehensive database security measures, leading to a 60% decrease in security incidents and ensuring compliance with industry standards and regulations.

Certificates

Microsoft Certified: Azure Database Administrator Associate

Aug 2021

Oracle Database Cloud Architect Master

Jan 2020