

# Joe Mendez-Hughes

[Website](#) | [LinkedIn](#) | [data.engineer.joe@gmail.com](mailto:data.engineer.joe@gmail.com) | 1-480-220-8939 | Phoenix, AZ | U.S. Citizen

## SKILLS

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Snowflake, AWS (S3, Glue, Redshift), Spark, dbt, Python, Data Modeling, Data Warehousing, Data Lakes, ETL/ELT Pipelines, SQL, Git, GCP, Azure

## PROFESSIONAL EXPERIENCE

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### SENIOR DATA ENGINEER

*Dynamo Technologies, Washington, DC*

September 2023 - May 2024

- Architected and maintained robust AWS data infrastructure, utilizing S3 buckets, Glue, and Redshift, transforming structured and unstructured data into coherent, invaluable insights.
- Deployed and optimized Snowflake data warehouses, transforming raw data into structured, accessible, and valuable data, empowering decision-makers to act swiftly and decisively.
- Implemented AWS Glue to automate and orchestrate data flows, streamlining ETL processes, ensuring that near real-time data was provided to make timely decisions with the latest information.
- Developed scalable data solutions, providing agility and anticipating future data needs required in an ever-evolving data landscape.
- Fine-tuned Redshift clusters to handle vast volumes of data with speed and precision, achieving significant reductions in query times and increasing processing efficiency by 30%.

### SENIOR DATA ENGINEER

*Deep Cloud IQ, New York, NY*

July 2021 – September 2023

- Utilized data validation and cleansing of data pipelines that improved overall data accuracy by over 40%.
- Leveraged Spark, Python, and SQL, to architect solid and reliable data solutions, transforming raw data into actionable insights, propelling decision-making processes.
- Constructed and deployed a data lake, reducing costs significantly and creating a scalable data environment that improved overall data accessibility by 50%.
- Optimized data processing, storage, and retrieval, reducing latency and providing real-time accurate data for stakeholders to utilize.

### SOFTWARE ENGINEER

*Millennial Shift Technologies, Phoenix, AZ*

October 2020 – June 2021

- Delivered complex integrations by developing and deploying SOAP and REST APIs.

### JR DATA SCIENTIST

*Prizelogic, Scottsdale, AZ*

February 2018 – May 2020

- Implemented data cleaning and preprocessing techniques, including handling missing data, outlier detection, and feature scaling, to ensure data integrity.
- Conducted exploratory data analysis (EDA) on large datasets to identify key trends, correlations, and patterns, contributing to data-driven decision-making.

## EDUCATION

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*College of Southern Nevada, Las Vegas, NV*

Studied: Computer Science | Dean's List

January 2014 – May 2017