

Joe Mendez-Hughes

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

SKILLS

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

PROFESSIONAL EXPERIENCE

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.
- Designed and developed scalable data pipelines, 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 stake holders to utilize.

SOFTWARE ENGINEER

Millennial Shift Technologies, Phoenix, AZ

October 2020 – June 2021

- Delivered complex integrations by developing and deploying SOAP and REST APIs.
- Worked in an Azure cloud environment utilizing Agile methodologies and microservices architecture.

JR SOFTWARE ENGINEER

Aristocrat - Independent Contractor, Las Vegas, NV

February 2018 – May 2020

- Assisted in the development and maintenance of back-end services for sophisticated applications.

EDUCATION

College of Southern Nevada

Studied: Computer Science