**Joe Mendez-Hughes**

[Website](https://saving-the-world-from-datageddon.github.io/) | [LinkedIn](https://www.linkedin.com/in/joe-mendez-hughes/) | [data.engineer.joe@gmail.com](mailto: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