**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 | U.S. Citizen

**SUMMARY**

Senior Data Engineer with 7 years of experience in building and optimizing scalable data solutions for large datasets. Skilled in AWS, Snowflake, Spark, Python, and SQL, with a track record of reducing data processing times and increasing pipeline efficiency. Passionate about creating robust data architectures and leveraging big data technologies to drive data-driven insights and business value.

**PROFESSIONAL EXPERIENCE**

**SENIOR DATA ENGINEER**

**Dynamo Technologies, Washington, DC**

*September 2023 - May 2024*

* Architected and maintained AWS data infrastructure, utilizing S3 buckets, Glue, and Redshift, transforming structured and unstructured data into coherent, invaluable insights.
* 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%**.
* 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.

**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%**.

**SOFTWARE ENGINEER**

**Millennial Shift Technologies, Phoenix, AZ**

*October 2020 – June 2021*

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

**JUNIOR DATA SCIENTIST**

**Prize Logic, 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.

**EDUCATION**

**Computer Science**

College of Southern Nevada, Las Vegas. NV

*January 2014 – May 2017*

**SKILLS**

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