

Joe Mendez-Hughes

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

SKILLS

Python | Spark | AWS (S3, Glue, Redshift) | Snowflake | Data Modeling | Data Warehousing | Building ETL Pipelines | ELT | SQL | NoSQL | Docker | Git | CI/CD

PROFESSIONAL EXPERIENCE

SENIOR DATA ENGINEER

Dynamo Technologies, Washington, DC

September 2023 - May 2024

- Architected and developed large data ETL pipelines with S3, Glue. And Redshift
- Designed and implemented scalable ETL pipelines using Python and Spark, reducing data processing time by 40%.
- Architected and maintained data warehouses on AWS Redshift and Snowflake, enabling efficient data storage and retrieval.
- Monitored security alerts and incidents using SIEM solutions, leading incident response efforts and conducting root cause analysis.
- Implemented security measures for Docker and Kubernetes including vulnerability scanning, secure image practices, and runtime protection.
- Developed custom tools and scripts for advanced security testing, increasing the effectiveness of assessments.

DATA ENGINEER

Deep Cloud IQ, New York, NY

July 2021 – September 2023

- Designed and deployed network security solutions, including firewalls, VPNs, and network security groups (NSGs), to protect cloud infrastructure.
- Collaborated with four different teams to integrate security into the software development lifecycle, reducing the number of security defects substantially.
- Prepared clear reports for management about security risks and suggested improvements.
- Conducted security awareness training, educating employees on the latest security threats and best practices.
- Identified and mitigated 50+ security threats and vulnerabilities through rigorous software audits.

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/DATABASE ENGINEER

Aristocrat - Independent Contractor, Las Vegas, NV

February 2018 – May 2020

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

EDUCATION

College of Southern Nevada

Studied: Computer Science