

Orange

EDUCATION

BA in Computer Science

EXPERIENCE

Data Engineer

11/2011 - 12/2017

- Overhauled sluggish data processing systems by adeptly migrating big data processes to AWS, adopting a strategic approach to integrate pivotal AWS services, including Redshift, S3, and Lambda. This integration was a migration and an optimization, enhancing data pipelines and thereby realizing a 50% enhancement in data processing efficiencies and a commendable 30% cost reduction, safeguarding data integrity and reliability throughout the transition.
- Hard skills: AWS Redshift, AWS S3, AWS Lambda, Big Data Processing, Data Pipelining, Data Integrity.

Senior Data Engineer

01/2018 - 05/2021

- Identified bottlenecks in the existing data infrastructure and orchestrated the incorporation of Databricks and Apache Spark with a small team, demonstrating leadership. This pivot amplified the system's capacity to manage 3x the data volume but also expedited processing speeds by 60%, ensuring data availability and reliability while liaising closely with stakeholders to align technical improvements with overarching business objectives.
- Hard skills: Databricks, Apache Spark, Scala, Data Infrastructure Scaling, Stakeholder Management, Data Availability.

Tech Lead Data Engineer

06/2021 - Present

- Identified and improved fragmented workflows within the data engineering team by the integration of AWS Glue and Databricks, refining ETL processes and instilling a streamlined operational model. This enhancement materialized a 40% surge in team productivity and established a precedent for consistent, reliable data outputs. In my leadership role, I provided technical direction but also mentored junior engineers and adherence to best practices in data management and processing.
- Hard skills: AWS Glue, Databricks, ETL Processes, Data Management.

SOFT SKILLS

Leadership, Effective Communication, Problem Solving, Collaboration, Time Management, Continuous Improvement, Mentorship, Strategic Planning.

LANGUAGES

English, Spanish.