

ALEJANDRO QUÍLEZ ASENSIO

SKILLS

Programming

Pyspark · SQL · Java · python ·
javascript / node.js · html · css

Data

Pipelines · ETL Pipelines · MySQL ·
Data Analysis · Big data · Hive · Spark ·
Data Quality

Cloud

Azure · Datalake ·
VM provisioning and env config ·
Azure Enter ID · Graph API ·
Cost analysis · Account automation ·
Architecture capabilities

ML engineer skills

Databricks · Mlflow ·
Azure machine learning studio

DevOps

Gitlab · Azure DevOps · scripting ·
pipelines for CI/CD · Docker

STRENGTHS

Technical Expertise

Demonstrated ability to design and optimize complex data pipelines, dimensional models, and cloud architectures in Azure environments, ensuring scalability and efficiency

Problem-Solving Skills

Proven track record of identifying and resolving challenges in data engineering projects, leveraging creativity and innovative solutions to ensure data quality and reliability.

Collaboration and Leadership

Skilled in mentoring junior team members and collaborating across departments to deliver impactful, business-oriented data solutions, particularly in the insurance and cloud domains.

Data Engineer

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SUMMARY

Experienced Data Engineer with a strong background in building and optimizing data pipelines, working extensively with dimensional and fact data models. Proficient in leveraging libraries like PySpark and Scikit-Learn for data transformation and machine learning solutions. Skilled in Azure Databricks and CI/CD pipelines, with hands-on expertise in the insurance sector, delivering scalable and efficient data solutions. Passionate about data quality and automation to drive impactful business insights.

EXPERIENCE

Data Engineer 2023 - Present
Knowmad mood Spain

- April 2023 – Present
 - Designing and maintaining fact and dimension tables to support efficient data modeling for analytics and reporting.
 - Leading data engineering solutions to optimize cloud-based systems and pipelines in a collaborative team environment.
 - Implementing scalable architectures using Azure Databricks for streamlined data transformation and integration processes.
 - Enhancing operational workflows and data reliability through extensive use of CI/CD pipelines and automation.

Machine Learning Engineer 2021 - 2023
Capgemini Spain

- February 2021 – April 2023
 - Contributed to a large-scale data science platform, providing technical expertise and mentoring team members.
 - Implemented CI/CD pipelines and designed solutions for efficient data processing and transformation.
 - Transitioned into a Data Engineering role, focusing on designing scalable systems to handle terabytes of data.
 - Worked on innovative projects combining machine learning and data engineering methodologies, leveraging cutting-edge technologies.

Innovation Engineer 2020 - 2021
Capgemini Spain

- Innovation Engineer
October 2020 – February 2021
 - Designed and implemented backend architectures to simplify new service integration on GCP (Google Cloud Platform).
 - Developed API integrations for seamless data access and workflow automation.

EDUCATION

Telematic Engineer 2016 - 2021
University of Valencia Valencia, Spain

