Alejandro Brea Gascón

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Based in Galicia, Spain, I am a Data Analyst, and Machine Learning enthusiast with hands-on experience in designing and developing scalable ETL pipelines, data frameworks, and reporting solutions. Leveraging technologies like Snowflake, Databricks, PySpark, and Power BI, I specialize in managing and analyzing large data volumes to unlock valuable insights for both internal operations and client projects.

Passionate about leveraging data-driven solutions to enhance business operations and decision-making, I am a collaborative team player eager to embrace challenges that drive both technical innovation and strategic impact.

PROFESSIONAL EXPERIENCE

Deloitte   **A Coruña, Spain**
Junior Data Engineer   *June 2024 – Present*
Working in the Artificial Intelligence & Data area:

- Project MAGIC at Inditex (Financial Area): Developed a gross profit and stock valuation report based on FIFO algorithms in Snowflake. Developed the data model, stored procedures, quality checks with stock systems and accounting. Developed BI reports in Power BI. Focused on gross margin calculation with different perspectives of the company.
- ETL Development: Designed, developed, and maintained ETL processes to support reporting environments for the Spain Regional Delivery Center, integrating tools like Python.
- SQL Optimization: Refined SQL queries and database views to improve data aggregation processes, ensuring scalable and efficient solutions.
- Conducted analysis and developed Power BI reports, contributing to data-driven decision-making.

Deloitte   **A Coruña, Spain**
Artificial Intelligence and Data Intern   *April 2024 – June 2024*
Working in the Artificial Intelligence & Data area:

- Training in technologies such as Snowflake, Databricks, and Power BI
- Development of an ETL (Extract, Transform, and Load) process with Python using libraries such as Pandas and NumPy
- Basic management of cloud services for hosting services and data

Universidade da Coruña   **A Coruña, Spain**
Coordinator   *July 2023–August 2023*

- Coordination of the Summer IT Camps for children and young people at the Faculty of Computer Science of the University of A Coruña.
- I teach classes on topics related to robotics, programming, and 3D design, all tailored to the students' age and skill level.
- I coordinate the development of the campus, including class scheduling, liaison with the university, and communication with families.

EDUCACTION

CFGS in Web Application Development   **A Coruña, España**
CPR Liceo la Paz   *September 2022 - June 2024*
Skills in Git for version control. Proficient in React, HTML5, and CSS3 for frontend
development. Experienced in SQL, Spring, PHP, and Java for backend development.
Familiar with Docker and other technologies

Industrial Engineering   **A Coruña, España**
Universidade da Coruña   *September 2020 - June 2022*
Studied at the School of Engineering, acquiring knowledge in physics, calculus, chemistry,
among other subjects.

ADDITIONAL SKILLS

- Python - SQL - Snowflake - Databricks - Pandas - Spark - PowerBI
- Native in Spanish and Galician. Fluent in English. Basic level in Portuguese
- Fundamental Certifications in Databricks (Lakehouse, GenAI)
- Fundamental Certifications in Snowflake