

JORGE L. ARAGUAYAN ACUÑA

 Torrejón de Ardoz. Madrid. Spain

 +34641615216

 [Jorge Araguayan | LinkedIn](#)

 jl.araguayanacuna@gmail.com

Engineer with a completed master's degree who is very into the digital transformation movement and data-driven decision-making. Capable of combining a wide experience in data handling with proficiency in the use of several software tools to enhance the team and therefore, the success of the organisation.

Studies and Certifications:

- 07/2022. **Microsoft Certified: Power BI Data Analyst Associate.**
- 05/2022. **Microsoft Certified: Azure Fundamentals.**
- 05/2021. **Talend Academy. Talend Data Integration Basics.**
- 04/2021. **Talend Academy. Introduction to Talend Studio.**
- 09/2015 - 09/2016. **Heriot-Watt University (Scotland). MSc, Reservoir Evaluation and Management.**
- 03/2003 - 12/2008. **Universidad de Oriente (Venezuela). Petroleum Engineer.**

Programming Languages and Software:

- **Programming Languages:** T-SQL, PLSQL, DAX, M, Python, XML, HTML, Power Query, C#.
- **PL/SQL Developer, Microsoft SQL Server, SQL Developer, Power BI, Tableau, Power Automate, Visual Studio, Talend Studio, Control-M, Jira, Microsoft Office 365**

Relevant Working Experience:

- **09/2024 – Current. Freelance Data Analyst. Santander Banca Privada Internacional, Spain.** Part of the data warehouse team working on the implementation of new projects and general data warehousing maintenance.
 - Create ETL data flows in the Oracle database, translating business requirements from the compliance department.
 - Assemble data pipelines using financial products' information coming from tools such as Bloomberg and Polar Lake.
 - Optimise existing data flows by improving performance and debugging.
 - Create Tableau dashboards for data analysis and data validation.
 - Data warehouse data validation and debugging due to a core banking system migration.
- **08/2022 – 09/2024. Freelance Data Engineer. Rotageek, England.** Mainly working in data integration with business partners and creating reports based on business requirements:
 - Assemble large, complex data sets that meet functional / non-functional business requirements.
 - Design and build data-rich reports in Power BI.
 - Maintain and optimise the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using SQL and Azure Data Factory.
 - Build solutions that utilise the data pipeline to provide actionable insights into key business performance metrics.
 - Work with stakeholders including the Customer Support, Product, Tech, and Data teams to assist with data-related technical issues and support their data infrastructure needs.
 - Collaborate in data integration with critical partners designing complex SQL queries with optimal performance.
 - Support the .NET developing team in debugging C# code.
- **05/2021 – 09/2022. Senior Consultant, Data Analyst. CGI, Spain.** Extract, process, transform and analyse data that is used in decision-making and performance assessment. I have successfully contributed to companies from various sectors, including energy, food, telecom, banking, and insurance:
 - Create databases and data warehouses using SQL Server and Oracle.
 - Analyse and query data using T-SQL and PLSQL.
 - Develop, optimize, and maintain stored procedures to extract, transform and load data using T-SQL and PLSQL.

- Create tabular data models in Power BI and use them to develop insightful reports and dashboards.
 - Deploy DAX formulas into Power BI to exploit data.
 - Data transformation using M in Power Query Editor into Power BI.
 - Develop Power BI reports and dashboards enhancing data storytelling and data exploitation.
 - Develop reports using Power BI Paginated Reports.
 - Administer Power BI Service configuring scheduled report refreshments, security, and data gateways.
 - Maintenance of multidimensional data cubes in Analysis Services (Visual Studio).
 - Use Jira as an Agile tool.
 - Monitor and debug stored procedure execution plan using Control-M.
 - Optimize execution time and resources in SQL Server, Oracle and Power BI.
 - Develop and debug ETL processes using SQL Server Integration Services and SQL Server.
 - Develop automatization using Microsoft Power Automate.
- **10/2019 – 05/2021. Data Analyst. Modus Management, Spain.** Data extraction, transformation, and analysis to later be used in the creation of visual tools for companies in the energy and automobile sector:
- Create databases and data warehouses in db2, SQL Server and Oracle.
 - Develop, optimize and maintain procedures to extract and transform data using T-SQL and PLSQL.
 - Extract XML and HTML files using T-SQL and PLSQL.
 - Extract and analyse data using Python.
 - Connect, import, form and transform data for Power BI.
 - Develop reports and dashboards for data storytelling in Power BI and Power BI Paginated Reports.
 - Develop formulas in Power BI using DAX.
 - Data cleansing using M in Power Query Editor inside Power BI.
 - Administer Power BI Services: security, data gateways, scheduled refreshments, and parameters.
 - Develop ETL processes in Talend Studio.
- **10/2016 – 09/2019. Data Analyst. GoldBird Exploration, Peru.** Deputy leader in a field development Project:
- Use Python, Power BI and Excel for data extraction and transformation.
 - Develop Power BI reports and dashboards for data visualization and analysis.
 - Analyse production, drilling and well testing reports to discover potentially useful information.
 - Participation in the development of a geological model and petrophysical analysis for reservoir studies.
 - Create a field development proposal.
- **09/2011 – 02/2014. Directional Driller – Multilateral Engineer, Halliburton Servicios, Venezuela.** Started as an MLT Engineer Associate and later promoted to MLT Engineer Junior and then again promoted to Directional Driller:
- Lead the execution of the directional drilling programme for infill and exploratory Wells.
 - Propose out-of-the-box procedures and solutions to achieve the objectives of the project.
 - Use SQL to handle and analyse the data obtained during drilling operations.
 - Maintain and debug the database created during drilling operations.
 - Field supervision of the well completion operations for multilateral wells and operating fishing tools.
- **05/2010 – 09/2011. Mud Logger Junior, Geoservices S.A., Venezuela.** Onshore and offshore field engineer for exploratory and infill wells that could be deep vertical (HP/HT), horizontal and/or re-entry:
- Design the net of electrical and mechanical sensors at the rig location to monitor drilling parameters.
 - Install/calibrate sensors according to the drilling programme established by the client.
 - Administer, maintain and debug the database and data generated during drilling operations.
 - Develop technical reports and parameters visualizations tools for the client, which were fundamental for assessing situations and for decision making.
- **11/2007 – 06/2008. Internship, Empresa Mixta Petrocuragua S.A., Venezuela.** Field and office experience:
- Analyse oil production data using SQL Server and Excel to complete a technical and economic evaluation of the change of gas-lift to electrical submersible pumping for artificial oil lifting.
 - Create technical reports for workover operations and the installation of the new electrical submersible pumps.
 - Keep a record of gas injection in the old gas-lift system and control gas-balance in the field.