

# JAVIER ANDRÉS VÁSQUEZ POSSO

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## About Me

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Data Engineer & Data Architect with 12+ years of experience designing scalable solutions, optimizing data workflows, and developing end-to-end pipelines that process large-scale data. Skilled in building and implementing cloud-based infrastructures, with deep expertise in Azure and AWS ecosystems. Recognized for adaptability, problem-solving, and delivering high-impact results..

## Technical Skills

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- **Azure:** Blob Storage, Data Factory, Batch Accounts, Databricks, Functions, Synapse, DevOps (CI/CD), Logic Apps, ADSL2.
- **Databases:** SQL Server, Oracle, MySQL, MongoDB, .
- **Programming Languages:** C#, Java, Python, SQL, VBA, Bash scripting.
- **AWS:** S3, Glue, Redshift.
- **Visualization Tools:** Power BI, Tableau.
- **Others:** Spark, JIRA, Mantis, Git, Docker, Jenkins, Nagios, SSIS, Pentaho, Oracle Data Integrator (ODI), Airflow, Pandas.

## Work Experience

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### Azure Data Specialist

Lumrisk, Ginebra, Switzerland (Remote)

*February 2023 – Present*

- Migrated SQL Server DWH to Medallion Lakehouse in Databricks.
- Refactored SQL code (stored procedures, functions, tables) for Databricks using Spark SQL and Delta Tables.
- Migrated 60+ SSIS packages to Azure Data Factory and Databricks, reducing execution time by 75%.
- Implemented CI/CD pipelines in Azure DevOps for Data Factory, Azure Functions, and Databricks across dev, test, and prod environments.
- Optimized SQL Server stored procedures, reducing query times and enhancing performance for large datasets.
- Built Azure Functions in Python and C#, automating processes and eliminating manual interventions.
- Implemented data governance and access control using Unity Catalog.

**Tech Stack:** Azure Data Factory, SSIS, SQL, Python, C#, Pandas, Azure Functions, Azure Databricks, PySpark, ADSL2, Azure DevOps, CI/CD, SQL Server, Git.

### Data Architect

Grupo Constant, Barcelona, Spain (Remote)

*April 2020 – February 2023*

- Migrated a data warehouse from MariaDB to Azure SQL DWH, modernizing the architecture for scalability and performance.
- Rebuilt legacy ETL pipelines from Pentaho and SSIS to Azure Data Factory, improving efficiency and maintainability.
- Developed interactive Power BI dashboards to support data-driven decision-making.
- Maintained and optimized AWS Glue data pipelines, ensuring seamless integration across platforms.

**Tech Stack:** ADSL2, Data Factory, SQL, Databricks, Data Lake, Synapse, SSIS, Power BI, Python, AWS S3, Glue, Redshift, SQL Server, Power BI.

### **IT Technical Consultant**

Asserta Global Healthcare Solutions, Barcelona, Spain

*March 2018 – February 2020*

- Designed and implemented data lakes and warehouses in Azure and AWS environments.
- Built efficient ETL processes with Azure Data Factory, SSIS, and Glue.
- Conducted data cleaning and transformation using Databricks and PySpark.
- Developed data visualizations and reports using Tableau to support business insights.

**Tech Stack:** Azure Data Factory, SSIS, Databricks, PySpark, Blob Storage, AWS S3, Glue, Redshift, SQL Server, MySQL, MongoDB, Tableau.

### **IT System Administrator**

Universidad Icesi, Cali, Colombia

*January 2017 – January 2018*

- Installed, configured, and monitored servers and databases, ensuring optimal performance.
- Provided second-level support and managed web servers, reducing downtime.

**Tech Stack:** SQL Server, Oracle, Linux, Windows Server, Bash scripting, Nagios.

### **Software Developer Analyst**

Banco de Occidente, Cali, Colombia

*November 2013 – December 2016*

- Designed, developed, and supported the bank's data warehouse.
- Built ETL processes using Oracle Data Integrator (ODI).
- Developed business intelligence reports in COGNOS BI to support strategic decisions.

**Tech Stack:** Oracle, SQL, Oracle Data Integrator (ODI), COGNOS BI, Java, Python.

### **Junior Developer Analyst**

Banco de Occidente, Cali, Colombia

*May 2013 – November 2013*

- Documented functional and non-functional requirements for banking applications.
- Designed and developed modules to enhance banking operations.

**Tech Stack:** Oracle, Java, SQL, VBA, Bash scripting.

## **Education**

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- **Master's in Computer Engineering**, Universitat Politècnica de Catalunya, Barcelona, Spain, 2018 – 2019
- **Diploma in Project Management**, Universidad Icesi, Cali, Colombia, 2014
- **Bachelor's in IT Systems Engineering**, Universidad Icesi, Cali, Colombia, 2008 – 2014
- **Master Big Data with PySpark and AWS**, Udemy, 2022
- **Azure Data Factory for Data Engineers**, Udemy, 2020
- **Azure Databricks & Spark Core for Data Engineers (Python/SQL)**, Udemy, 2020
- **The Complete Hands-On Apache Airflow**, Udemy, 2020
- **Functional Programming in Scala**, Udemy, 2020
- **Python Data track: Data analysis (Numpy, Matplotlib & Pandas foundations)**, DataCamp, 2019

## **Certifications**

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- **Databricks Certified Associate Developer for Apache Spark 3.0**, Databricks, 2025
- **Oracle Database 12c Administrator Certified Associate**

# Languages

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- Spanish (Native)
- English Professional proficiency (B2, IELTS)