David Gilberto **Rodriguez Acosta**

DATA & BI ENGINEER

Colombia · Meta - Villavicencio

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Summary

Business Intelligence professional with over 12 years of experience designing and delivering data-driven solutions to support strategic decision-making. Adept at end-to-end BI development, from ETL to visualization, turning data into strategic insights that drive business performance.

Recognized for leading impactful BI initiatives and collaborating across teams to optimize decision-making through data. In addition to a strong foundation in BI, I have contributed to several Data Science projects, applying Data Lakehouse modeling and advanced analytics to complement traditional reporting. Known for my analytical thinking, business-oriented approach, and ability to connect data with real-world outcomes.

Work Experience

Globant
Remote, Colombia

SENIOR LEVEL 2 - DATA & ANALYTICS PROFESSIONAL *April 2017 - Present*

Results-oriented data professional with a track record of leading BI and Data Science projects from conception to implementation. Expert in building and optimizing the data ecosystem to maximize business value.

- Led the design and architecture of Business Intelligence solutions, creating scalable data models and information pipelines that serve as the single source of truth for corporate analysis.
- Developed and deployed interactive dashboards and executive reports in Power BI, Tableau, etc., enabling senior management to monitor KPIs in real-time.
- Successfully designed, developed, and optimized complex ETL pipelines using DataStage, dbt, Airflow, and other ETL tools, ensuring data quality and integrity across multiple data sources.
- Manage, maintain, and optimize databases oriented to data warehouses. (Redshift,DashDB,db2,PostgreSQL)
- Built and automated scalable data transformation workflows using dbt, airflow on the AWS cloud stack (S3, Redshift), enabling the development of analytical solutions for key business challenges like customer prediction and academic forecasting.
- Project team management: identifying scope, times and costs in order to meet the objectives of the projects to be executed.

EY (Ernst & Young)
Bogotá, Colombia

SENIOR DATA BI ENGINEER *July 2014 - April 2017*

Proactive BI Developer who initiates and completes impactful BI projects. Strategically designs and improves data infrastructures to elevate business performance and value. Implemented and managed comprehensive auditing systems to ensure data integrity, security, and regulatory compliance.

Proven ability to establish accountability and enhance operational transparency through meticulous event logging and analysis.

- Led the design and architecture of Business Intelligence solutions, creating scalable data models and information pipelines that serve as the single source of truth for corporate analysis.
- Developed and deployed interactive dashboards and executive reports in Power BI, Tableau, etc., enabling senior management to monitor KPIs in real-time.
- Development of OLAP cubes (On-Line Analytical Processing) and ROLAP (Relational On-Line Analytical Processing) Using Microsoft Analytical Suite: SSAS, SSRS and Power BI
- Successfully designed, developed, and optimized complex ETL pipelines using DataStage, SSIS, and other ETL tools, ensuring data quality and integrity across multiple data sources.
- Manage, maintain, and optimize databases oriented to data warehouses. (Redshift,DashDB,db2,Redshift,PostgreSQL)
- Audits of information systems and processes related to IT, applying the methodology EY US Topic-based GAM (Global Audit Methodology).

Intergrupo - Palmtree - Procalidad   *Bogotá, Colombia*

JUNIOR TO SEMI SENIOR BI CONSULTANT   *July 2014 - April 2017*

As a BI Developer, I advanced from Junior to Semi-Senior level, driving data-driven decision-making through the full lifecycle of business intelligence solutions. My responsibilities encompassed robust data extraction, transformation, and loading (ETL) processes, proficient data warehousing, and comprehensive reporting. Through this period, I gained hands-on experience in the entire data ecosystem, from raw data ingestion to delivering

polished, business-ready reports, consistently improving data accessibility and reliability for stakeholders.

- ETL Tools: Actively designed, developed, and maintained complex ETL pipelines using IBM DataStage, SQL Server Integration Services (SSIS), Oracle Warehouse Builder (OWB) and Kettle. This involved integrating data from disparate sources, ensuring data quality, and optimizing data flow for performance.
- SQL Databases: Proficiently managed and queried data across various relational database systems including Oracle, SQL Server, MySQL, and Sybase, demonstrating strong SQL scripting and optimization skills.
- External Sources: Successfully integrated data from a wide array of external sources, including Excel spreadsheets, various flat files, and other proprietary systems, into the data warehouse.
- Cognos (8.4–10): Developed and delivered impactful reports, dashboards, and analytical solutions using the full suite of Cognos tools, including Framework Manager (for data modeling and package creation), Query Studio, Analysis Studio, and ReportNet.
- Tableau: Utilized Tableau for creating interactive and visually compelling dashboards, enabling end-users to explore data and derive insights independently.
- Power BI: Developed and maintained Power BI reports and dashboards, leveraging its advanced visualization capabilities to present complex data in an accessible format for business stakeholders.

Education

Jorge Tadeo Lozano University   *Bogotá, Colombia*

DATABASE SPECIALIST   *January 2011 - December 2012*

- Database Specialist with academic background in computer science and data management, focused on database design, SQL, and data modeling.

Universidad Distrital Francisco José de Caldas   *Bogotá, Colombia*

DATABASE SPECIALIST   *June 2001 - June 2009*

- Bachelor's degree in Computer Science with a focus on database management, programming, and software development. Proficient in SQL, data modeling, and database design. Experienced in managing relational databases and implementing data security measures.

Skills

BI & Visualization	Power BI, Tableau, Cube.js, Cognos, SSAS
ETL Tools	DataStage, Airflow, SSIS
Databases	PostgreSQL, MySQL, Redshift, Oracle, MongoDB, DB2
Programming	Python, SQL
Languages	Spanish (Native), English (C1 Advanced)

Certificates

2025	**Amazon Aurora PostgreSQL from A to Z**,	Udemy
2025	**AWS Getting Started with Amazon ECS**,	Amazon Web Services (AWS)
2025	**Certificacion AWS Job Roles in the Cloud**,	Amazon Web Services (AWS)
2020	**Big Data and Analytics (Classroom)**,	Amazon Web Services (AWS)
2023	**Building Data Lakes on AWS (Technical)**,	Amazon Web Services (AWS)
2021	**Data Engineering**,	GCP
2021	**Baseline: Data, ML, AI**,	GCP
2021	**GCP Essentials**,	GCP

2021	**Cognos 8 - 10 BI Multidimensional Reports**, IBM Certified
2021	**Cognos 8 - 10 BI Reports**, IBM Certified
2021	**Cognos 8 - 10 Metadata Models**, IBM Certified
2021	**Cognos 10 Solution Expert**, IBM Certified
2021	**11g Administration Workshop I**, Oracle
2021	**11g Program With PLSQL Release 2**, Oracle
2021	**11g BI Create Analyses and Dashboards**, Oracle
2021	**Querying Microsoft SQL Server 2012**, Microsoft
2021	**Foundation Certificate in IT Service Management**, ITIL
2021	**Foundation Certificate in IT Governance and Management**, COBIT

References

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