David Gilberto Rodriguez Acosta

Senior Business Intelligence Engineer

Date/ Place of Birth:
1984-Sep-08 Bogotá, Colombia
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⤞ Profile

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.

⤞ Employment History

Globant, Senior Lvl 2
(2017/Apr – Actually), Colombia

- Project team management: identifying scope, times and costs in order to meet the objectives of the projects to be executed.
- Communicated effectively with project management regarding issues and needs for projects.
- Technical leadership, analysis, design and development business intelligence solutions. Using the best practices like Ralph Kimbal and Bill Inmon using Agile Methodologies.
- Provided tutorials on current data management techniques including assisting with analysis and providing technical recommendations on a business case.
- Manage, maintain, and optimize databases oriented to data warehouses. (Redshift,DashDB,db2,Redshift,PostgreSQL)
- Worked with complex datasets and trained new hires in order to work with them as well.
- Use SQL tools(PL-SQL/Procedures) or ETL tools (Datastage, Airflow DAGS) in order to extract, transform and load data from multiple sources. I performed in-depth data validation on data from various suppliers.
- Use front end tools like Cube.js, Tableau and Cognos 11 to develop , Dashboard and scorecard reports, OLAP cubes(On-Line Analytical Processing) and ROLAP (Relational On-Line Analytical Processing).

Clients: IDB (Inter-American Development Bank); GM(Great Minds)
DWH Methodology: Ralph Kimball and Margy Ross / Crisp DM
Tools Used: Back End:
        ETL: Datastage 11, Airflow DAG
        SQL: DashDB,db2 , Oracle, Redshift and PostgreSQL
        External Sources: Excel,json Files and others
      Front End: Cube.js,Tableau and Cognos 11

EY (Ernst & Young), Senior II

(2014/Jul – 2017/Apr), Colombia

➡ Employment History

- Project team management: identifying scope, times and costs in order to meet the objectives of the projects to be executed.
- Realization of value propositions for sale of services of the firm.
- Audits of information systems and processes related to IT, applying the methodology EY US Topic-based GAM (Global Audit Methodology)
- Technical Leadership, Analysis Support and Design of business intelligence solutions. Using Ralph Kimball and Margy Ross.
- Worked with complex datasets and trained new hires in order to work with them as well.
- Using Microsoft analytical Suite (SSIS) as a tool in order to Extract Transform and Load data from multiples sources and targets.
- Development of OLAP cubes (On-Line Analytical Processing) and ROLAP (Relational On-Line Analytical Processing) Using Microsoft analytical Suite: SSAS, SSRS and Power BI
- Development of Ad-hoc, Dashboard and scorecard reports, Using SSAS, SSRS and Power BI

Audit Clients: Fiduciaria Central, Fiduprevisora, Holcim, Grupo Valorem, Deceval, Compensar(Family Welfare Fund), Bank Falabella, Bel Star, Quala and Alpina
Business Intelligence Clients: Compensar (Family Welfare Fund) ,Bank Falabella and Bolsa Mercantil de Colombia.
Audit Methodology: IT security assessment focused on business processes, applying the methodology EY US Topic-based GAM (Global Audit Methodology)
DWH Methodology : Ralph Kimball and Margy Ross / Crisp DM
Tools Used:
  Back End:
    ETL: SQL Server Integration Services (SSIS) and Kettle
    SQL: My SQL ,Sql Server, Oracle and Redshift
    External Sources: Excel, Files and others
  Front End: Microsoft analytical Suite(SSAS, SSRS and Power BI), Tableau and Cognos 10: Framework Manager, Query Studio, Analysis Studio, Report Studio

Summary:

Palmtree (2014/Feb – 2014/Jul), Colombia

Nytec / Intergrupo (2013/Sep – 2014/Feb), Colombia

Procalidad (2009/Jan – 2013/Sep), Colombia

Position: Junior, Semi Senior and Senior BI Consultant

- Technical Leadership and Analysis Support, Design of business intelligence solutions. Using Ralph Kimball, Margy Ross, Crisp DM and Agile Methodologies.
- Based on the best practices for Data Warehouses. Create data models, procedures and standards.
- Communicated effectively with project management regarding issues and needs for projects.
- Researched and resolved data discrepancies with troubleshooting teams.
- Served as the primary contact for client service teams for several different projects.
- Presented data models to business teams for review.
- Provided tutorials on current data management techniques including assisting with analysis and providing technical recommendations on a business case.
- Worked with complex datasets and trained new hires in order to work with them as well.
- Merged data with existing data sets, careful to keep old data sets and documentation.
- Worked with complex datasets and trained new hires to work with them as well.

➡ Employment History

- Manage, maintain, and optimize databases oriented to data warehouses. (Oracle, SQL Server, My SQL, Sybase)
- Use SQL tools(PL-SQL) or ETL Tools (Datastage, Datamanager, SSIS) in order to performed in-depth data validation on data from various suppliers.
- Use IBM Datastage as a tool in order to Extract Transform and Load data from multiples sources.
- Using Cognos 8-9-10 for develop OLAP cubes (On-Line Analytic Processing) and ROLAP (Relational On-Line Analytic Processing).
- Using Cognos 8-9-10 and Microsoft analytical Suite: SSAS, SSRS for develop Ad-hoc, Dashboard and scorecard reports.

Clients: FINAGRO, Contaduría General de la nación, Mercaldas, Defensoría del Pueblo, Ventas y Marcas UGPP (Pension and Protection Management Unit),Asobancaria, Thomas Greg & Sons, DNP(National Planning Office), Comcel, Codensa, Caracol, AMV, los Andes University

DWH Methodology: Ralph Kimball and Margy Ross

Tools Used:

    Back End:

        ETL: Oracle Warehouse Builder, Datastage, SQL Server Integration Services (SSIS) and Kettle

        SQL:Oracle, SQL Server, My SQL, Sybase,

        External Sources: Excel, Files and others

    Front End: Cognos 8.4-10 : Framework Manager, Query Studio, Analysis Studio, Reportnet,Tableau

➡ Education

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Advanced degree in Databases, Jorge Tadeo Lozano University

2012 Dic, Bogotá

System Engineer, Distrital Francisco José de caldas University

2009 Jun, Bogotá

Certifications:

- AWS Partner: Building Data Lakes on AWS (Technical)
- AWS Profesional Services: Big Data and Analytics (Classroom)
- Google Cloud - Data Engineering
- Google Cloud - Baseline: Data, ML, AI
- Google Cloud - GCP Essentials
- IBM Certified - Cognos 8,Cognos 10 BI Multidimensional Reports
- IBM Certified - Cognos 8,Cognos 10 BI Reports.
- IBM Certified - Cognos 8,Cognos 10 Metadata Models.
- IBM Certified - Cognos 10 Solution Expert.
- ORACLE - 11g Administration Workshop I
- ORACLE - 11g Program With PLSQL Release 2
- ORACLE - 11g BI Create Analyses and Dashboards
- Microsoft - Querying Microsoft SQL Server 2012
- ITIL - Foundation Certificate in IT Service Management
- COBIT

➼ Knowledge

English Level: Intermediate / advanced

Business Intelligence Tools:

- **AWS:** Airflow, Redshift, Athena, Apache and AWS Glue.
- **IBM:** Datastage Enterprise, Cognos 8.4, 10, 11: Framework Manager, Query Studio, Analysis Studio, Reportnet,
- **ORACLE:** Oracle Warehouse Builder,
- **Microsoft BI:** SSIS,SSAS, SSRS and Power BI
- **Pentaho:** Big Data Integration and Analytics Tools
- **Tableau:** Desktop, Server, Online

Databases: Oracle, SQL Server, My SQL, Sybase, DB2, DashDB, Redshift and other DB Based on ANSI SQL, Mongo.

Leading practices: ITIL y CobiT

Audit IT: IT security assessment focused on business processes, applying the methodology EY US Topic-based GAM (Global Audit Methodology)

➼ Contacts

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