

ANDRÉS DARÍO TORRES TORRES

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ABOUT ME

Accomplished Lead Data Engineer with over a decade of experience specializing in the implementation of Business Intelligence and Data Analytics solutions. Proficient in developing descriptive, diagnostic and prescriptive models, from architecture definition to production monitoring. Skilled in all aspects of the data lifecycle, including analysis, design, development, testing, tuning, and administration. Proven record of success utilizing several methodologies, including Kimball, Inmon, and Agile, to deliver successful projects that meet and exceed client expectations. Demonstrated ability to interpret client business needs and contribute to presale activities, driving consultative sales in diverse industries such as banking, insurance, logistics, education, infrastructure, investment, publish and retail.

EDUCATION

Institution	Title	Year
Universidad Libertadores	System Engineer, bachelor's degree	2012
Fundación de educación superior San José	System Engineer, associate's degree	2007

CERTIFICATIONS

Certification Detail		Date
 Microsoft Certified: Azure Enterprise Data Analyst Associate		February 2023
 Microsoft Certified: Azure Fundamentals		July 2022
 Microsoft Certified: Azure Data Fundamentals		April 2022
 Microsoft Certified: Data Engineer Associate		December 2021
 Microsoft Certified: Power BI Data Analyst Associate		November 2021
 IBM Certified Solution Expert Cognos BI		June 2017
 IBM Certified Developer Cognos 10 BI OLAP Models		May 2017
 IBM Certified Designer Cognos 10 BI Reports		March 2017
 IBM Certified Developer Cognos 10 BI Metadata Models		March 2017
 MCSE Microsoft® Certified Solutions Expert: Data Management and Analytics		April 2017

Certification Detail		Date
 MCSE Microsoft® Certified Solutions Associate: SQL 2016 Business Intelligence Development		April 2017
 MCSE Microsoft® Certified Solutions Expert Business Intelligence		June 2013
 MCSA Microsoft® Certified Solutions Associate SQL Server 2012/2014		May 2013
 MCITP Microsoft® Certified IT Professional PRO: Designing a Business Intelligence Infrastructure Using Microsoft SQL Server 2008		April 2013
 MCTS Microsoft® Certified Technology Specialist Microsoft SQL® Server 2008, Business Intelligence Development and Maintenance		March 2013

Learning Transcripts IDs:

Microsoft Certification	ID 8990638
IBM Certification	ID IBM000002432

SKILLS

Engineering Practices:

Analytics and Visualization Agile Methodologies Best Practices in Data Platforms Big Data Solution Architecture Business Architecture Business Intelligence Life Cycle Business Modeling Cloud Data Services Cloud Platforms	Collaboration and Communication Consultative Sale Data Development/Deployment Data Integration and APIs Data Modeling and Design Data Performance Optimization Data Pipeline Design/Management Data Quality and Validation Data Security and Compliance	Data Storage and Management Data Warehousing DevOps and CI/CD ETL/ELT Solutions Inmon Methodology Kimball Methodology OLAP Analysis and Cubes Programming Languages Queries Writing/Optimization
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Technologies:

Amazon Web Services S3 Apache Databricks Atlassian Bamboo Atlassian Confluence Atlassian Forge Atlassian Jira Enterprise Architect Modeling ESRI ArcGIS flyway (automate database deploy) Git Hub Google Cloud Storage IBM Cognos BI Architecture IBM Cognos BI Platform Administration IBM Cognos BI Report Development IBM Cognos Framework Manager IBM Cognos Query and MDX IBM Cognos Report Studio IBM Cognos Transformer OLAP IBM ICM IBM Informix MS Access MS Azure MS Azure Analysis Services	MS Azure Blob Storage MS Azure Cloud Services MS Azure Data Analyst MS Azure Data Engineer MS Azure Data Factory MS Azure Data Lake Storage MS Azure Databricks MS Azure DevOps Boards and Reports MS Azure DevOps Pipelines CI/CD MS Azure Key Vault MS Azure Power Platform MS Azure SQL Data Warehouse MS Azure SQL Virtual Machines MS Azure Synapse Administration MS Azure Synapse Dedicated SQL Pools MS Azure Synapse Serverless SQL Pools MS Azure Synapse Notebooks MS Azure Synapse Pipelines MS C# MS Excel MS Power Apps MS Power Automate MS Power BI Architecture	MS Power BI DAX and M MS Power BI On Cloud and On Premise MS Power BI Report Development MS SharePoint MS SQL Management Studio MS SQL OLAP Services and MDX MS SQL Server Architecture MS SQL Server T-SQL MS SSAS Multidimensional MS SSAS Tabular MS SSIS MS SSRS MS Visual Basic .NET Oracle Database Oracle SQL Developer Oracle Warehouse Builder PL/SQL PySpark Python REST-API Source Service Snaplogic (ETL Tool) Snowflake Sybase
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EXPERIENCE

Company	Start Date	End Date	Job Role
10 Pearls	April 2023	Ongoing	Senior Data Engineer
Optimize IT SAS	October 2023	February 2024	IBM Cognos Consultant
EPAM Systems Colombia SAS	June 2021	March 2023	Senior Data Analyst
Pronostica SAS	January 2020	May 2021	Architect Business Analytics
	October 2015	December 2019	Lead Tech Business Analytics
Informática & Tecnología Stefanini Ltda	July 2012	September 2015	Senior Business Intelligence Developer
Servientrega S.A.	January 2011	June 2012	Business Intelligence Developer
Sonda	April 2010	December 2010	Software Developer
Margen Cero SAS	December 2008	March 2010	Software Developer

PROJECTS EXPERIENCE

Company	10 Pearls	April 2023 - Ongoing
Project Role	Senior Data Engineer.	
Customer	SAGE Publications INC - https://us.sagepub.com/en-us/nam/home - SAGE is an American independent publishing company, It publishes more than 1,000 journals, more than 800 books per year, reference works and electronic products covering business, humanities, social sciences, science, technology and medicine.	
Project	Data engineer services to customer project management (CPM) requirements.	
Key Business	Publishing.	
Participation	<ul style="list-style-type: none"> - Backlog grooming sessions to define priority of stories using Agile Methodologies with Jira and Confluence tools. - Analyzed, designed, and modeled CPM Data-Marts, definition of physical and logical model using Enterprise Architect Modeling. - Building Raw, Silver and Gold Layers of data architecture on MS Azure using Synapse Serverless SQL Pools, Notebooks, PySpark and Pipelines. Even, Azure Data Lake Storage as repository. - Building dimensions and fact-tables of CPM Data-Marts on MS SQL Server on-premises using SSIS. - Building CI/CD process on MS Azure using Git Hub and DevOps Pipelines. 	
Team	1 Delivery Manager, 1 Business Owner, 1 Architect Leader, 2 Senior Data Engineers, 1 QA and 1 Scrum Master.	
Databases	MS Azure Synapse Serverless SQL Pools, MS SQL Server 2019.	
Technologies	Atlassian Confluence, Atlassian Jira, Enterprise Architect Modeling, Git Hub, MS Azure Data Lake Storage, MS Azure DevOps Pipelines CI/CD, MS Azure Key Vault, MS Azure Synapse Serverless SQL Pools, MS Azure Synapse Notebooks, MS Azure Synapse Pipelines, C#, MS SQL Server, MS SQL Server T-SQL, MS SSIS, PySpark and Python.	
Company	Optimize IT SAS	October 2023 - February 2024
Project Role	IBM Cognos Consultant.	
Customer	Contaduría General de la Nación - https://www.contaduria.gov.co/ - standardize, centralize, and consolidate public accounting, prepare the balance sheet, and determine the accounting standards that should govern in Colombia.	
Project	Technical support service proposal for IBM Cognos.	

Key Business	Government, state, public sector.
Participation	<ul style="list-style-type: none"> - Creation and automation of backup tasks in IBM Cognos 10 Portal Administration. - Cache clearing for the service and historical data in IBM Cognos 10 Portal Administration. - Audit configuration and report diagnostics to enhance using IBM Cognos 10.
Team	1 IBM Cognos Consultant.
Databases	Informix.
Technologies	Informix and IBM Cognos 10.
Company	EPAM Systems Colombia SAS December 2022 - March 2023
Project Role	Senior Data Engineer.
Customer	Wiggle UK - https://guides.wiggle.co.uk/ - Wiggle is an online store in the United Kingdom that is dedicated to the sale of sports equipment. It is headquartered in Portsmouth, Great Britain, and operates in 80 territories, 10 languages, and 15 different currencies.
Project	Data engineer services to integrate business sources into Snowflake Data Cloud.
Key Business	Retail.
Participation	<ul style="list-style-type: none"> - Near real time integration of customers using Snowpipe and Azure Blob Storage. - Rest-API source integration into Snowflake of orders using Azure Blob Storage and Azure Data Factory. - Automatic output of marketing requirements from Snowflake to GCP using Azure Data Factory. - Automatic output to salesforce department from Snowflake to FTP using Azure Data Factory.
Team	1 Delivery Manager, 1 Architect Leader, 2 Senior Data Analyst, 1 QA and 1 Scrum Master.
Databases	Snowflake.
Technologies	Atlassian Confluence, Atlassian Jira, Git Hub, Google Cloud Storage, MS Azure, MS Azure Blob Storage, MS Azure Data Factory and Snowflake.
Company	EPAM Systems Colombia SAS June 2021 - November 2022
Project Role	Senior Data Analyst
Customer	Liberty Mutual Investments (LMI) - https://www.libertymutualgroup.com/about-lm/corporate-information/our-business - Liberty Mutual Insurance Group's globally invested financial assets.
Project	Staffing of data/BI engineers to help customers to migrate their data to a new cloud data lake and close their BI scope.
Key Business	Investment.
Participation	<ul style="list-style-type: none"> - Analyzed, designed, and modeled the Trades model to LMI, defined the physical and logical model based on the reports to migrate and user stories carried out with the users and using Confluence to share designs. - Backfill historical data in Snowflake using snowsql from sharepoint repositories and S3 with Snowflake. - Running flyway database migrator to populate data and Active Batch to load automated daily basis process. - Building CI/CD process to Back End objects using Git Hub, Bamboo and flyway. - Building Dimensions and Fact tables from Trades models in Snowflake warehouse with Snaplogic pipeline. - Building Snowflake objects to Front End Power BI users such as Schemas, Tables and Views, granting access levels such in Snowflake Warehouses and Roles. - Building Front End Power BI Reports using Snowflake as a source. - Building CI/CD Process to Front End Power BI objects using Forge artifacts, Bamboo and Git Hub.
Team	1 Delivery Manager, 1 Architect Leader, 3 Senior Data Analyst, 4 Data Analyst and 1 Scrum Master.
Databases	Snowflake and MS SQL Server 2016.
Technologies	Atlassian Bamboo, Atlassian Confluence, Atlassian Forge, Atlassian Jira, flyway, Git Hub, MS Azure, MS Power Apps, MS Power BI, MS SharePoint, MS SQL Serer T-SQL, MS SSAS Tabular, MS SSIS, Python, Snaplogic and Snowflake.

REFERENCES

Carlos Escobar, Manager
Pronostica SAS.
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Jose Luís Téllez Cuartas
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