






## ANDRÉS DARÍO TORRES TORRES

|   |                |   |
|---|----------------|---|
|  | Nationality:   | Colombian   |
|  | Location:      | Bogotá, Colombia  |
|  | Linkedin:      | <a href="https://www.linkedin.com/in/torresayd/">https://www.linkedin.com/in/torresayd/</a> |
|  | Web Page:      | <a href="https://torresayd.github.io/Resume/">https://torresayd.github.io/Resume/</a>       |
|  | English Level: | C1  |











### 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 |

## SKILLS

### Engineering Practices:

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

### Technologies:

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

## 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 - <a href="https://us.sagepub.com/en-us/nam/home">https://us.sagepub.com/en-us/nam/home</a> - 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"> <li>- Backlog grooming sessions to define priority of stories using Agile Methodologies with Jira and Confluence tools.</li> <li>- Analyzed, designed, and modeled CPM Data-Marts, definition of physical and logical model using Enterprise Architect Modeling.</li> <li>- 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.</li> <li>- Building dimensions and fact-tables of CPM Data-Marts on MS SQL Server on-premises using SSIS.</li> <li>- Building CI/CD process on MS Azure using Git Hub and DevOps Pipelines.</li> </ul> |                      |
| 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 - <a href="https://www.contaduria.gov.co/">https://www.contaduria.gov.co/</a> - 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"> <li>- Creation and automation of backup tasks in IBM Cognos 10 Portal Administration.</li> <li>- Cache clearing for the service and historical data in IBM Cognos 10 Portal Administration.</li> <li>- Audit configuration and report diagnostics to enhance using IBM Cognos 10.</li> </ul>   |
| Team           | 1 IBM Cognos Consultant.  |
| Databases      | Informix.   |
| Technologies   | Informix and IBM Cognos 10.   |
| <b>Company</b> | <b>EPAM Systems Colombia SAS</b> <b>December 2022 - March 2023</b>  |
| Project Role   | Senior Data Engineer.   |
| Customer       | Wiggle UK - <a href="https://guides.wiggle.co.uk/">https://guides.wiggle.co.uk/</a> - 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"> <li>- Near real time integration of customers using Snowpipe and Azure Blob Storage.</li> <li>- Rest-API source integration into Snowflake of orders using Azure Blob Storage and Azure Data Factory.</li> <li>- Automatic output of marketing requirements from Snowflake to GCP using Azure Data Factory.</li> <li>- Automatic output to salesforce department from Snowflake to FTP using Azure Data Factory.</li> </ul>  |
| 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.  |
| <b>Company</b> | <b>EPAM Systems Colombia SAS</b> <b>June 2021 - November 2022</b>   |
| Project Role   | Senior Data Analyst   |
| Customer       | Liberty Mutual Investments (LMI) - <a href="https://www.libertymutualgroup.com/about-lm/corporate-information/our-business">https://www.libertymutualgroup.com/about-lm/corporate-information/our-business</a> - 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"> <li>- 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.</li> <li>- Backfill historical data in Snowflake using snowsql from sharepoint repositories and S3 with Snowflake.</li> <li>- Running flyway database migrator to populate data and Active Batch to load automated daily basis process.</li> <li>- Building CI/CD process to Back End objects using Git Hub, Bamboo and flyway.</li> <li>- Building Dimensions and Fact tables from Trades models in Snowflake warehouse with Snaplogic pipeline.</li> <li>- Building Snowflake objects to Front End Power BI users such as Schemas, Tables and Views, granting access levels such in Snowflake Warehouses and Roles.</li> <li>- Building Front End Power BI Reports using Snowflake as a source.</li> <li>- Building CI/CD Process to Front End Power BI objects using Forge artifacts, Bamboo and Git Hub.</li> </ul> |
| 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 Server T-SQL, MS SSAS Tabular, MS SSIS, Python, Snaplogic and Snowflake.  |

| Company       | Pronostica SAS  | January 2021- May 2021 |
|---------------|---|------------------------|
| Project Role  | Architect BI/BA.  |                        |
| Customer      | Uniban - <a href="https://www.uniban.com/index.php/es/nosotros-2/quienes-somos">https://www.uniban.com/index.php/es/nosotros-2/quienes-somos</a> - C.I. Unibán S.A. is the Colombian international marketer that develops high-value agriculture businesses, intensive in logistics.  |                        |
| Project       | Accounting Model.   |                        |
| Key Business  | Logistic, Retail.   |                        |
| Participation | I created functional requirements in user stories for the Uniban accounting model. I coordinated requirements walkthroughs and ensured that the user stories and process models accurately represented specific business needs. Additionally, I architected the accounting model for Uniban, defining data standards and utilizing the Azure platform for data integration, transformation (back end), and presentation (front end). I analyzed, designed, and modeled the accounting business model, establishing the physical and logical model based on interviews and user stories. As part of the development team, I assigned tasks using Agile methodology and monitored the development process. I also tested the back end and front end using the defined tools and applied best practices to Uniban's accounting analytics models in production. |                        |
| Team          | 1 Delivery Manager, 1 Architect, 1 Tech Lead, 2 Devs, 1 QA.   |                        |
| Databases     | MS Azure SQL Virtual Machines.  |                        |
| Technologies  | Atlassian Jira, MS Azure Analysis Services, MS Azure Blob Storage, MS Azure Data Factory, MS Azure DevOps Boards and Reports, MS Azure DevOps Pipelines CI/CD, MS Azure SQL Virtual Machines, MS Power BI On Cloud, MS SharePoint, MS SSAS Tabular and MS SSIS.   |                        |