Diego Armando Sarmiento Ahumada

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Professional Profile

Administrator Engineer specializing in finance, with knowledge and experience in creating BI – Analytics solutions across data analysis, building data pipelines, implementing reports and dashboards, and building architectures over On-premises and Cloud environments. In addition, I have experience as a Data team leader with capabilities for monitoring and controlling projects, requirements gathering, and problem-solving. Passionate about building strong relationships, working as a team, and strengthening continuous learning focused on efficiency, quality, and improvement.

Professionalism | Technology | Communication | Thinking | Service | Leadership

Summary of Skills

- Twelve years of experience working in the Business Intelligence area.
- Experience working as a Business intelligence consultant, Data Engineer, and Data Team Leader.
- Proficient in a variety of data services on the cloud, including:
    - Microsoft Azure (Data Factory, Databricks, Synapse, Azure storage, Azure Function, Logic apps, SQL Server, Data Catalog).
    - Azure DevOps.
    - AWS (Function Lambda, Glue, and Storage S3.
- Experience and knowledge in Programming Languages such as SQL, Python, and Spark using Pyspark.
- Proficient in a variety of Data visualization tools, including:
    - Microsoft Power BI.
    - Tableau.
    - SAP Business Objects.
- High capabilities for developing Data models and integrations, using tools like SAP Data Services, Microsoft SSAS, SAP BW.
- Ability to perform or make the decision about best practices in Data architectures, and lead teams, including evaluating business processes, documenting requirements, performing data analysis, and recommending solutions that meet business needs.
- Strong analytical and problem-solving skills.
- Strong communicator, hardworking, results-oriented, curious, and creative.
- Teamwork and collaboration skills.

Professional Experience

Data Engineer   Jul 2022-Dec 2023
SOFTTEK, Medellín, COLOMBIA
- Build automated data ingestion and ETL/ELT pipelines.
- Design, develop, and support quality and efficient data models for analytics by ingesting multiple data sources (internal and external).

- Create reports, visualizations, and dashboards to evaluate internal and external data collection activities.

Data Team Leader – Data Engineer   Mar 2022-Jul 2022
FINAKTIVA S.A.S, Medellín, COLOMBIA
- Build automated data ingestion and ETL/ELT pipelines.
- Design, develop and support quality and efficient data models for analytics by ingesting multiple data sources (internal and external).
- Create reports, visualizations, and dashboards to evaluate internal and external data collection activities.
- Define overall data strategy for customer teams by identifying business needs and data models needed to support them.
- Managed requirements and communication with teams.
- Lead the design, development, implementation and maintenance of data systems and solutions in the cloud.

Data Team Leader – Data Engineer   Oct 2020-Mar 2022
Perceptio S.A.S, Medellín, COLOMBIA
- Build automated data ingestion and ETL/ELT pipelines from different customers and industries.
- Design, develop and support quality and efficient data models for analytics by ingesting multiple data sources (internal and external).
- Managed requirements and communication with teams.
- Supported pre-sales processes.
- Lead daily stand-ups, sprint reviews, retrospectives, demos, sprint launch planning, and sessions with stakeholders.
- Define overall data strategy for the company and structure a Data team.

Business intelligence consultant   Mar 2014-Oct 2020
Postobón S.A, Medellín, COLOMBIA
- Build automated data ingestion and ETL/ELT pipelines.
- Identify, design, and implement internal process improvements including re-designing infrastructure for greater scalability, optimizing data delivery, and automating manual processes.
- Create reports, visualizations, and dashboards to evaluate internal and external data collection activities.
- Build analytical datasets to support ad-hoc business needs.
- Assist with migration from legacy systems and older technologies to a modern data warehouse and ETL/ELT solutions Cloud.
- Manage data, perform data analysis and create performance reports.
- Guarantee the provision of the service according to the contracted levels.

Business intelligence consult   Jun 2010-Mar 2014
Perceptio S.A.S, Medellín, COLOMBIA
- Build automated data ingestion and ETL processes from an on-premises environment.
- Create reports, visualizations, and dashboards.
- Deliver technical training to different business users.

Additional Experience

Power BI Developer (Freelance)   Aug 2021-Jun 2022
Alcaldía Marinilla, Antioquia, COLOMBIA
- Create reports, visualizations, and dashboards to evaluate internal and external data collection activities.

Education

English Program
International Language Academy of Canada, ONTARIO, CANADA   Dec 2021 - Jul 2023
ILC International Language College, Medellín, COLOMBIA   Jul 2022 – Aug 2023

- Program delivered to provide materials, knowledge, and experiences to learn about Canadian educational culture, and improve communication skills and English proficiency.

Artificial Intelligence – Software Engineering (Postgraduate Degree)   Jan 2024 – Currently
Centennial College
- Program delivered to give knowledge essential to provide skills in state-of.art design and AI application development technologies. The program aligns well with the newest technology trends in the software industry, namely Augmented Analytics, AI-Driven Development, and Autonomous Things. In addition, emphasizes modern software design and AI frameworks, machine learning, data visualization, and big data fundamentals, among others.

Statistics and Data Science (MicroMaster, Computer Science)   Jan 2019 – Mar 2020
MITx on edX
- Program delivered to give knowledge essential to understanding the methods and tools used in data science, and hands-on training in data analysis and machine learning. In addition, to the fundamentals of probability and statistics, as well as learn, implement, and experiment with data analysis techniques and machine learning algorithms.

Financial Management Specialist (Postgraduate Degree)   Jun 2012-Oct 2013
Universidad Pontificia Bolivariana, Medellín, COLOMBIA
- Program delivered to prepare managers that provide models, tools, techniques, and financial and management instruments to those executives who have the responsibility of leading and contributing to the operational and strategic financial decision-making process in organizations.

Administrator Engineering (Bachelor Degree)   Jul 2005-Mar 2011
Universidad Nacional De Colombia, Medellín, COLOMBIA
- Program designed to prepare professionals with the ability to manage organizations and their processes, combining the systemic vision of administration with the rigor and method of engineering, optimizing the interaction of human, material, technological and financial resources

through the design and efficient management of systems for the generation of goods and services that ensure both customer satisfaction and productivity and organization competitiveness.

Additional Training

- Incorta 6 Essentials (Incorta) – Octuber 2023.
- Databricks Lakehouse Fundamentals (Databricks) – August 2023.
- Generative AI Fundamentals (Databricks) – July 2023.
- Azure Data Fundamentals – July 2022.
- Salesforce in training – Trailhead – Salesforce Currently (https://trailblazer.me/id/dasarmie).
- SAP Certified Application Associate – SAP Business Planning and Consolidation 7.5 – SAP – January 2013.