

César Moreno Boyacá

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OVERVIEW

Engineer with 10+ years' experience working as data analyst and building business intelligence solutions on premises and recently in Azure cloud architecture. Well-versed in database programming, back-end programming, Geographic Information Systems, and statistical software for logistics and transport solutions.

TOOLS AND TECHNOLOGIES

Key skills include:

- Databases: SQL Server 2012 and 2017, Oracle 11g, Azure SQL database.
- Data integration: Azure Synapse, Azure Data Factory, SQL Server Integration Services, Oracle Data Integration.
- Business Intelligence reports: Power BI.
- Programming Languages: C# .Net, Python, R, JavaScript.
- Database programming extensions: Transact-SQL, PL/SQL.
- Other tools and technologies: ArcGIS, Angular, .NET Core 3.1.

PROFESSIONAL EXPERIENCE

EDUCATION SECRETARY OF BOGOTA

Data analyst, October 2022 – present

Data analysis using Azure Synapse, python and Databricks. Design and development of data warehouse structures. Development of Power BI Reports and dashboards.

HEALTH SECRETARY OF BOGOTA

Data analyst, May 2022 – October 2022

Data analysis using Google Big Query, python and Azure Data Factory and spatial analysis using ArcGIS Pro and ArcGIS online. Design and development of data warehouse structures for Power BI Reports and dashboards.

CREDIFINANCIERA BANK

Data Warehouse professional, September 2021 – March 2022

Design and development of ETL processes in SQL Server Integration Services, database design and development, reports development using SQL Server Reporting Services and Power BI. Backend development in C# .Net.

NATIONAL PLANNING DEPARTMENT -DNP-, COLOMBIA

Consultant, October 2019 – June 2021

Analysis, processing and update of transport and logistics sectorial data, as well as management and design of informatic tools for Infrastructure and Sustainable Energy Direction.

OMBUDSMAN OFFICE, COLOMBIA

Consultant, September 2019- December 2020

Technical advisory developing data mining and business intelligence solutions, as well as in the building of software requirements.

NATIONAL BUREAU OF INTELLIGENCE, COLOMBIA

Tactical technician, November 2017 – July 2019

Data analysis.

UNIVERSIDAD DEL ROSARIO, COLOMBIA

Developer, August 2017 – November 2017

Development of phase 1 for the Cities Observatory Geographic Information System.

NATIONAL PLANNING DEPARTMENT -DNP-, COLOMBIA

Consultant, March 2016 – September 2017

Support to Infrastructure and Sustainable Energy Direction -DIES- in the management, preprocessing and publication of transport and logistics sectorial data.

GEOGRAPHIC INSTITUTE AGUSTÍN CODAZZI -IGAC-, COLOMBIA

Developer, June 2015 – January 2016

Development of software components for the National System of Land Registry.

CONSTRUDATOS SAS, COLOMBIA

Founder

From March 2012 to June 2014 I worked in design, development and deployment of software components for the analysis and evaluation of National exams for assessment of the quality of Secondary and Higher Education (SABER 11 and SABER PRO exams).

HIGHER EDUCATION

UNIVERSIDAD JORGE TADEO LOZANO, COLOMBIA

Postgraduate specialization in database development

Bogotá, April 2018

UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS, COLOMBIA

Bachelor of Science (BSc), Geomatics Engineering

Bogotá, March 2015

COMPLEMENTARY EDUCATION

BERLITZ COLOMBIA

Academic Knowledge in English Language B1

Bogotá, Present

BERLITZ COLOMBIA

Academic Knowledge in English Language A1-A2

Bogotá, April 2022

UNIVERSIDAD NACIONAL DE COLOMBIA, COLOMBIA
Probability and Statistical Inference Certification Course
Bogotá, May 2019
120 hours

PONTIFICIA UNIVERSIDAD JAVERIANA, COLOMBIA
R as Geographic Information System Tool Certification Course
Bogotá, August 2018
48 hours

MICROSOFT LEARNING
Implementing a Microsoft SQL Server 2008 Database (6232)
Bogotá, May 2010
40 hours

MICROSOFT LEARNING
Maintaining a Microsoft SQL Server 2008 Database (6231)
Bogotá, April 2010
40 hours