



Carlos Henrique
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Data Engineer



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BIOGRAPHY

Graduated in Systems Analysis and Development, in 2022 I've completed the Trainee program offered by Applaudo Studios and was immediately allocated to work on a project for Walmart. In this project, I was able to work in a real scenario project with real-world difficulties, demanding deadlines and requirements. I was able to improve my SQL, write codes in Spark-Scala, performed Data Modeling for the new process, and ensured the delivery of data according to the desired outcome. Currently, I'm working as Data Engineer as a Consultant for a private company using Cloudera, Python and PowerBI generating value for Media and Marketing Teams to find the best active campaigns and how to get the targeted customer.

EDUCATION

Astronomer Apache Airflow Fundamentals Certification

Astronomer | June 23

Certificate that exam assesses an understanding of the basics of the Airflow architecture and the ability to create basic data pipelines for scheduling and monitoring tasks.

AWS Cloud Practitioner

Amazon | Oct. 22

Entry level certification for AWS. Studies through LinuxTips, Exampro, as well as materials provided by AWS, Cloudquest, and manuals.

Data Engineer

How Bootcamps | Jan. 2022 - Mar. 2022

Practical course with Python, AWS, Airflow, Databricks and other tools mostly used by data engineers.

System Analysis and Development

CESMAC | Jan 08 - Jun 12

Bachelor degree focused on project management and development rules

EXPERIENCE

Data Engineer

Cadastra Marketing | Jun. 23

Working as a consultant and developer. Main Developments Webscraping with Selenium and other Python libs such as pandas and requests. Maintenance of older ETL routines. Helping the Viz team on best practices using Power BI and Creating Dashboards for Media and Marketing Teams.

Data Engineer

Applaudo Studios | Jun. 22 - Mai. 23

Trainee program with emphasis on the main tools used. Development of a project that involved the conversion of SQL queries to Spark-Scala language, with analysis and modeling of schema tables changing from BQ to Hive, and automation of processes in Automate.

Developer Jr.

Softsell | Jun. 13 - Jun. 2016

Analysis and development of systems with proprietary tool, support and training for users. Structuring the database and creating views for BI queries and reports

SKILLS

English	Python	Airflow
SQL	Pandas	Power BI
Spark	WebScraping	Data Quality
GCP Services	Git/Github	Snowflake

GOALS

Data Engineer Associate

Databricks | Goal: Jun. 24

Certificate that demonstrates your ability to use the Lakehouse Platform for basic data engineering tasks. It verifies that you have gained a complete understanding of the platform, its tools and benefits.

AWS Solutions Architect Associate

Amazon | Goal: Dec. 24

Certification based on showcases knowledge and skills in AWS technology, across a wide range of AWS services.

PORTFOLIO PROJECTS

F1 Dataset - Mar. 2022 - <https://github.com/RickCruzz/IngestaoF1>

Created a complete data lake flow with 3 Stages bronze/silver/gold, using F1 Kaggle dataset from 1950 to 2021, after data curated generating views and tables to create dashboards. Tools: Python, Boto3, Airflow, AWS S3, Databricks

Mercado Bitcoin - Fev. 2022 - <https://github.com/RickCruzz/IngestaoMercadoBTC>

Project made inside the Bootcamp class, using AWS Lambda with Zappa as CI/CD deploy. Connection with API from Mercado Bitcoin. Then saving data inside an S3 Bucket.