



SANTIAGO CASTRILLON

FULL STACK & CLOUD DATA ENGINEER | 6+ YEARS OF
EXPERIENCE | EXPERT IN PYTHON, SPARK & AWS



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SKILLS

DATA MODELING & BIG DATA
ANALYTICS

PROCESS AUTOMATION

ETL DEVELOPMENT

MICROSERVICES ARCHITECTURE &
KUBERNETES/DOCKER/CI-CD

CLOUD COMPUTING (AWS, DATA
LAKES, HADOOP, SPARK, KAFKA)

POWER BI

SAS ENTERPRISE GUIDE

ANGULAR

DJANGO (FULL-STACK DEVELOPMENT
WITH A FOCUS ON DATA APPS)

PYTHON

SQL

JAVA

VBA

GITHUB

AZURE DEVOPS

MICROSOFT SQL SERVER

T-SQL

WEB SCRAPING

APIS (REST, XML/JSON)

HTML

CSS

JAVASCRIPT

PHP

LINKS

xsantcastbx.com:
xsantcastbx.com

xsancastrillonx@hotmail.com:
xsancastrillonx@hotmail.com

linkedin:
[https://www.linkedin.com/in/xsan-
tcastbx/](https://www.linkedin.com/in/xsan-
tcastbx/)

LANGUAGES

SPANISH

ENGLISH

FRENCH

ABOUT ME

With a fervent passion for data and technology, I specialize in devising creative solutions for complex challenges while enjoying sharing my acquired knowledge. I have experience in developing scalable data systems and process automation, excelling in my ability to collaborate with multidisciplinary teams and achieve outstanding results. I enthusiastically adapt to dynamic environments, commit to continuous learning, and bring a positive and energetic attitude to every project. I master advanced tools such as Python, SQL, VBA, Hadoop, and AWS. I prioritize teamwork, effective communication, and the value of human connections in the professional realm.

WORK EXPERIENCE

ANALISTA,
BANCOLOMBIA
Medellin

Jan 2019 - Dec 2022

Senior Data Engineer

- Led the complete development of an anti-fraud analysis platform, processing over 1.8 billion records from more than 40 database systems.
- Designed automation solutions with Python, MapReduce, Power BI, and Impala, optimizing massive data analysis processes.
- Guided junior members through technical mentoring, code review, and development best practices.
- Implemented complex ETL flows, data ingestion, validation, and maintenance in Hadoop Impala.
- Developed an XML to Excel converter for FATCA and CRS reports, reducing time and costs by 230% for a 250M COP project.
- Acted as a functional expert in data migration processes, participating in requirements gathering and technical validation.
- Wrote T-SQL procedures and functions to automate data transformation and loading from various sources.
- Improved decision-making by closely collaborating with business analysts and QA in developing reusable data solutions.

UPWORK AND
DIRECT CLIENTS

Jan 2022 - Dec 2025

Freelance Full Stack & Data Engineer

- Designed, developed, and maintained web pages and systems connected to databases for schools and small businesses.
- Implemented technical maintenance, performance optimization, and security enhancements on existing sites.
- Developed advanced web scraping for investment companies, automating data extraction and analysis from public sources and APIs.
- Created and deployed tourism websites with booking integration, maps, and payment gateways.
- Developed full stack solutions with Python, Django, Angular, HTML, CSS, JavaScript, and SQL databases.
- Managed projects from start to finish: from requirements gathering to production deployment, working with clients from different countries and sectors.

EDUCATION

INSTITUTO
UNIVERSITARIO DE
ENVIGADO
Envigado
2020

Systems Engineer

COURSES

MASTER DISTANCIA,
S.A.U
Jul 2024 - Jul 2025

Advanced Course in Web Page Programming

Dec 2025

Scrum Manager® - Certificate in Agile Project Management