

Erick Castillo

Av. Patriotismo 883 – Mexico City, 03920

☎ +52 5512241586 • ✉ erick.castillo.2804@gmail.com
in erickcastillor • 🌐 erickcastillo2.github.io

PROFESSIONAL EXPERIENCE

Walmart

Sr Data Architect

Mexico City, MX

Feb 2021 – Present

I would define a data architect as a high-level visionary who translates business requirements into technology requirements and defines data standards and principles.

- Design, review, and analyze Walmart's data infrastructure, plan future databases, and implement solutions to storage and manage data for Walmart and its users. OnPremise Data Lake Migration to Google Cloud.
- Evaluation of the current data architecture, improvements to the data architecture, maintenance of the security of the databases. I have evaluated more than 10 data projects, Walmart Cellular Telephony (BAIT), Walmart User Loyalty Project, User Analysis Project with Nielsen.
- Translate business requirements into databases, data warehouses, and data flows; create procedures to ensure the accuracy and accessibility of data; analyze, plan and define the data architecture framework. I have translated business requests that are associated with Big Data, to simple requests such as improving the performance of a data flow, database and improvement of your data solution.

Walmart

Data Scientist

Mexico City, MX

Mar 2019 – Feb 2021

I would define a data scientist is a person who is dedicated to extracting, analyzing and communicating useful information from large amounts of data, using mathematical, statistical, computer science and AI.

- Development of analysis that helps the projects through the mining of databases (sales), customers, average ticket, sale by categories and specific conditions of the stores.
- Support in the growth strategy (development of new prototypes/formats, opening of new markets, validation of business hypotheses, competition analysis, among others) through data processing, information gathering in the market, collaboration with other areas.

EDUCATION

National Autonomous University of Mexico UNAM

Bachelor of Actuarial Science

Mexico City, MX

Agt 2009 – Agt 2014

Be a qualified specialist in the identification, evaluation, administration and prevention of risk.

Concentrations: Advanced course in database administration.

SKILLS/INTERESTS/MISCELLANEOUS

Programming languages: Scala, Python, Java

DevOps experience: Jenkins, Concord, GitHub

GCP experience: Big Query, Dataproc, Storage

Azure experience: Databricks, Factory, Storage

Databases: PL/SQL, My/SQL, MS/SQL

Containers: Docker, Minikube, Kubernetes, Helm

Langueges: Advanced English, Basic Portuguese

Storage: Spark, Hive, Delta, Iceberg

Skills: Negotiation, Teamwork, Team Leadership

Interests: Computers, videogames, art and science