

Gabriel D. López Ruiz

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[Github](#) / [Linkedin](#)

EDUCATION

Holberton School

Software Engineer – Foundations

Puerto Rico

September 2021 - July 2022

- Computer science and software engineering foundations, including low-level programming & algorithms, high-level programming & databases.

WORK EXPERIENCE

Coqui Health

Jr. Data Engineer

Puerto Rico - Hybrid

May 2023 - June 2024

- Created a SaaS solution that enhances data integration capabilities through a custom connector for AWS AppFlow, supporting ELT processes.
- Managed and optimized AWS resources including IAM, S3, Lambdas, CloudWatch, CDK, and SM.
- Created a CLI tool to infer data types, improving data processing efficiency, and enhanced results using large language models (LLM) with the help of Ollama.
- Implemented unit testing to ensure the reliability and accuracy of various projects.
- Collaborated with and mentored a Junior Data Engineer, offering guidance and support on his projects.
- Performed various data-related tasks for the company, contributing to the overall data management and processing efforts.

Gulp Data

Software Developer

Puerto Rico - Remote

August 2022 - July 2023

- Enhanced existing functions and developed new features for data projects.
- Utilized AWS services (S3, EC2, GLUE, CloudWatch) to manage and process large datasets.
- Implemented and automated data reports from CSV, JSON, and BSON formats.
- Conducted QA using Katalon, ensuring data integrity and accuracy.
- Performed data analysis and visualization to support strategic business decisions.

Planet Fitness

Assistant Manager

Puerto Rico

June 2016 - October 2018

- Delegated daily tasks to team members to optimize group productivity
- Collaborated with the store manager to develop strategies for achieving sales and profit goals
- Maintained inventory accuracy by counting stock-on-hand and reconciling discrepancies

HOLBERTON PROJECTS

[SIM](#)

Sales and Inventory Management

- Developed an application that lets the user sell products
- Implemented a database for storing products and user using MongoDB
- Notifies the user whenever a product is going out of stock

[AirBnB Clone](#)

Built an AirBnB replica using Python & MySQL

- Built a command line interpreter that manipulates data to expedite development and debugging for my teammates and myself
- Implemented option for back-end storage engine: File System with JSON
- Implementing a website that communicates via API with our back-end to allow users the ability to register, login, and search with filtering places in our database so that a user can find their perfect stay

SKILLS & INTERESTS

Languages: Spanish & English

Programming Languages: Python, C, C#, TypeScript, HTML, CSS

Tools & Technologies: AWS (S3, EC2, GLUE, Lambdas, CloudWatch, CDK), Git, Unity, VS Code, MySQL, MongoDB, Bash, Jira, Pandas, Podman, Katalon, Mock, Serverless

Core Competencies: Data Engineering, ETL & ELT Processes, Data Analysis, Big Data, Cloud Computing, Data Visualization, Problem Solving, Team Leadership