

# JUAN CARLOS CRUZ

Software Developer

+63 949 364 8547



jmcruz.dev



jmcruz14@gmail.com



15 Narra Street, Project 3, Barangay Claro, Quezon City



## CERTIFICATIONS

**Datacamp** – Data Engineer Associate (Feb 2024)

- **Skills:** SQL, Exploratory Analysis, Data Management

**Datacamp** – Data Scientist Associate (May 2023)

- **Skills:** Data Management, Exploratory Analysis, Statistical Experimentation, Modeling, Data Communication, Python

## PROFESSIONAL EXPERIENCE

### Junior Software Developer

MYCURE | April 2023 - December 2023

- Used Vue.js to make improvements in the Billing, Inventory, Medical Records, and other modules of the Clinic Management System
- Assisted in the improvements to internal and business-facing performance evaluation methods through better Sprint methodology and the creation of the Admin Dashboard via Metabase
- Contributed at least 20 feature implementations and bugfixes to the company's main product and helped close a company side project's first milestone

**Skills:** HTML/CSS/JS (Vue.js), Git, Postman, Database design, UI/UX testing and evaluation, Data analytics

### Full-stack Developer

UP National Engineering Center | June 2022 - December 2022

- Used the Python Dash Plotly framework to streamline user management handling and disbursement voucher viewing for an internal Budget Utilization DBMS
- Used PostgreSQL and AWS S3 to conduct data management tasks for data consistency

**Skills:** Python (Pandas, Flask, Dash Plotly), PostgreSQL, AWS S3, Git

## PROJECTS

**Housing Affordability Analysis in the Greater Parisian Region** - July 2024 - August 2024

- Developed a Streamlit dashboard and conducted data analysis of aggregated public property data in Paris France as part of an Omdena AI project
- Engaged in collaborative work with fellow volunteers to establish target goals and minimum needs of the dashboard

**Skills:** Geospatial Analysis, Python (Streamlit), Collaboration, UI/UX design, Documentation

**Local Coffee Shop Locator and Logger Project** - July 2024-

- An ongoing personal full-stack project aimed at locating local coffee shops based on a person's location / selected area
- App aims to let users log and record visited coffee shops, along with filtering information according to desired standards
- **Stack:** PRN (PostgreSQL [via Supabase], React, Node)

**Skills:** Project Planning, Database Modeling & Design, Web Development, Javascript

**Letterboxd List Dashboard** - Feb 2024 - June 2024

- Full-stack dashboard built on Vue using MongoDB as storage with FastAPI as API architecture
- Aimed at featuring summary and descriptive statistics of a collection of films stored in a list, updated frequently
- **Stack:** Vue.js (NUXT), Python (FastAPI), MongoDB

**Skills:** Database Design, Data Engineering, Data Science and Analytics, Web Development, Docker

## EDUCATION

**University of the Philippines, Los Baños**, 2017-2019, B.Sc. Industrial Engineering

**University of the Philippines, Diliman**, 2019-2022, B.Sc. Industrial Engineering, *cum laude*

## ORGANIZATIONS

- UP Data Science Society
  - Co-facilitated the **2023 Philippine Junior Data Science Challenge**, an intercollegiate Data Science competition for students across the country
  - Assists in the **Education & Research team** to provide org members knowledge for conducting data analysis and building databases in SQL and Python
- UP Industrial Engineering Club
  - Co-created the organization's in-house podcast, The XTRA Pod
- UP Debate Society
  - Participated in various debate competitions from 2019 to 2022 both as a debater and as an adjudicator