

# Ivan Arias

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[LinkedIn](#) | [Github](#) | [Blog](#) | [Portfolio/Website](#)

## FULL-STACK APPLICATION DEVELOPER

Proficient with Python, Flask, and JavaScript-based programming. Geological modeling and Geographic Information System (GIS) background. Strong interpersonal and team-building skills. Seek to join an innovative, collaborative team that creates and executes cutting-edge software solutions that enhance business productivity.

## TECHNICAL SKILLS

React, JavaScript, Python, Flask, SQLAlchemy, Alembic, React Router, Bootstrap, CSS, Sass, Figma, SQL.

## TECHNICAL PROJECTS

### E-commerce - [Github](#) | [Live App](#) | [Demo](#)

This project is an e-commerce platform built with React.js for the front end and Flask for the back end.

- Flask/SQLAlchemy API backend with a React frontend.
- Full CRUD actions (POST, GET, PATCH, and DELETE)
- PostgreSQL database fully deployed on Render.

### Database Tool (DT) - [Github](#) | [Demo](#)

- SQLALCHEMY/SQLITE3/CLICK CLI for managing US entities.
- Intuitive color-coded menu for CRUD operations.
- Features: display entities, add cities, games, and weather updates.

### Real State Site (RES) - [Github](#) | [Live App](#) | [Demo](#)

- React JS - Bootstrap app for real estate listings.
- Offers search, detailed views, and stats.
- Uses react-router for navigation and chart.js for insights.

### World Population Dashboard (WPD) - [Github](#) | [Live App](#) | [Demo](#)

- Provides data on countries: population, area, flags.
- Allows search, sort, and user messages.
- Users can add new countries and messages.

## EXPERIENCE

### Amazon

Fulfillment Associate

Orlando, FL  
Nov/2020 - Present

- Establish safety protocols, achieving a reduction in workplace accidents.
- Scan, inspect, and sort merchandise, ensuring packages arrive at their intended destinations.
- Identify performance shortcomings, resulting in increased production in the packing-flow department.

### Self-employed

Landscaper

Orlando, FL  
Oct /2019 - Nov/2020

- Performed general landscaping duties and quality service in a timely and friendly manner.

### PDVSA

Sedimentologist & Stratigrapher

Barcelona, Venezuela  
Jan/2005 - Jan/2019

- Analyzed sedimentary rock, leading to precise model predictions of hydrocarbon reservoirs.
- Geostatistical Modeling and GIS-based Thematic Mapping.

## EDUCATION

### Flatiron School | online

Full Stack Web Development, Python with Flask and JavaScript.

Orlando, FL  
Feb 2023 - Oct/2023

### Central University of Venezuela

Geological Engineering degree

Caracas, Venezuela  
Jan 1999 - Dec 2004