ROBERT A. PAULINO

rpaulinodev@gmail.com · (786) 315-3267 · https://robertpaulino.com

SKILLS

Programming Language:	Go, Python, JavaScript
Back-end skills:	AWS, VPS, MySQL
Misc:	Git, Linux

PROJECTS

Restful API *Go* — https://github.com/RobertoPaulino/Imageboard-API

A RESTful API developed in Go that powers a lightweight imageboard platform, allowing users to create posts containing text, usernames, and precise geolocation data. It utilizes SQLite as an embedded database for efficient local storage, ensuring quick setup and smooth data management without external dependencies. The project is designed with simplicity and performance in mind, making it easy to extend and integrate into various applications.

Web Crawler *Go* — https://github.com/RobertoPaulino/web-crawler

A simple and efficient command-line tool built in Go to crawl internal links within a given domain. The tool starts from a specified URL and recursively follows internal links while ignoring external domains, collecting URLs to help analyze site structure. It leverages Go's concurrency to perform fast, parallel requests and ensures proper handling of visited URLs to avoid infinite loops. Designed with simplicity in mind, it's ideal for tasks like website audits, SEO analysis, or sitemap generation.

Shapefile API *Python* — https://github.com/RobertoPaulino/point-in-shapefile-API

This project represents the open-source iteration of my geocoding API, engineered to provide precise geospatial analysis by translating addresses into geographic coordinates and verifying their presence within polygonal boundaries provided by shapefiles. With the use of GeoPandas, this API reads and processes geospatial shapefiles, while the Google Maps API efficiently converts physical addresses into accurate longitude and latitude pairs. The server-side integration of shapefiles facilitates advanced spatial queries and would allow to further develop it into more a more complex API.

J.P. Morgan SWE Virtual Experience on Forage *TypeScript*

https://github.com/RobertoPaulino/forage-jpmc-swe-task-3

Set up a local development environment by configuring necessary tools and dependencies. Fixed broken files in the repository to ensure the web application functioned correctly. Utilized JPMorgan Chase's open-source library, Perspective, to generate a live graph that displayed real-time data feeds for traders in a clear and visually appealing way.

EDUCATION

Western Governors University

BS Computer Science

Graduating - Jun 2026

EXPERIENCE

Activus Connect

Team Leader

October 2022 - Present

- Quality Assurance: Supervise interactions between company representatives and customers to ensure the highest quality of service is consistently delivered.