

Miguel Aldahir Ramos Pérez

Skills

Python

Libraries: Django, Pandas, Matplotlib, BeautifulSoup2, re, os

NodeJS

Packages: Express, NextJS, React, Vite, TypeScript.

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power query.

Data Bases

Software: PostgreSQL, MongoDB

R Programming

Packages: Bibliometrix, Biblioshinny, shinny, ggplot.

Projects

Online E-Commerce Platform – A scalable e-commerce platform that supports a large number of users and integrates with various payment gateways.

June 2023

Technologies Used: Node.js, Express, MongoDB.

Responsibilities:

- Designed and implemented RESTful APIs.
- Set up containerized environments using PostgreSQL.

Financial Data Analysis Tool – A comprehensive tool for financial data analysis to help businesses make data-driven decisions.

January 2024

Technologies Used: Python, Django, Pandas, Matplotlib, BeautifulSoup2

Responsibilities:

- Designed and implemented a web application using Django.
- Collected and cleaned financial data from various sources using BeautifulSoup2 and the re module.
- Analyzed and visualized data trends with Pandas and Matplotlib.
- Automated reports and alerts using the os module.

Real-time Collaboration Platform – A real-time collaboration platform for team projects and communication.

Mars 2024

Technologies Used: Node.js, Express, NextJS, React, Vite.

Responsibilities:

- Created RESTful APIs with Express for user authentication and project management.
- Developed front-end components using React and NextJS.
- Implemented real-time collaboration features using WebSockets.
- Optimized build processes and performance with Vite.

Sales Dashboard – An interactive sales dashboard to visualize and analyze sales performance data.

September 2024

Technologies Used: Power BI, DAX, API, Power Query.

Responsibilities:

- Integrated various data sources using Power Query.
- Created DAX measures to perform complex calculations and aggregations.
- Built interactive and dynamic dashboards to visualize sales metrics and trends.
- Implemented data refresh automation using APIs.

Language

Spanish: Native speaker.

English: B1.

Français: A1.

Education

Bachelor of Science, Business and Tourism – University of Havana, LH.

September 2024

Majors: Business Analytics, Operations and Supply-chain Management, International Business, Tourism.