

Hugo Alexandre de Morais

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Skills

- QGIS | ARCGIS | SQL | POSTGRE | POSTGIS | PYTHON | JAVASCRIPT | TYPESCRIPT | REACT
- Spatial Analyses | Database Analyses | Esri Certifications | Advanced English | Web Development

Experience

ASSOCIATION OF MELIPONICULTURISTS AND APICULTURISTS OF ARAXA

- **Geoprocessing Analyst (Volunteer Work)** **Araxá / MG / BRAZIL /** **Nov 2023 – Present**
Development of projects for the preservation of native bee species in urban environments using ArcGIS and QGIS.
 - Implementation of predictive models to assess environmental impact on bee populations.
 - Collection, organization, cleaning, and standardization of data from public and private sources, ensuring quality and accuracy of databases and geospatial data.
 - Application of spatial analyses to identify and monitor critical areas for the conservation of stingless bees.

POWER OF DATA

- **Front-End Developer Junior** **Araxá / MG / BRAZIL /** **Sep 2023 – Present**
Development of applications and web pages with React JS, JavaScript, TypeScript and Redux.
 - Creation of a chat bot for investigations of the Civil Police of Minas Gerais.
 - Development of the logic and user interface for a PoD Decision Engine focused on loans.
 - Creative design of product displays and user experiences.

BIT TECH

- **Systems Analyst** **Araxá / MG / BRAZIL /** **Sep 2022 – Sep 2023**
Software house specializing in the development of technologies for mass services and insurance market.
 - Support for platform users.
 - Supervision and maintenance of registrations, campaigns and products.
 - Knowledge of the company's business rules.
 - Investigation of system errors.

Geo Web Projects

- **Routes and Fuel | JavaScript | TypeScript | React | Next | Google Maps APIs**
- A dynamic app that calculates routes from any establishment, determines the distance traveled, and estimates daily costs in dollars based on the distance. This efficient app integrates Google's Directions, Distance Matrix, Places, and Maps JavaScript APIs, providing a complete and efficient solution for route planning and expense management.
- **Real-Time Weather | JavaScript | AccuWeather APIs**
- Using the AccuWeather Time APIs, this app quickly provides accurate and real-time weather forecasts for any city on the planet.

Other Projects: Maps with Analyses of Araxa and Region, Geo Spatial App (both present in the portfolio), Educational Page on Meliponas Bees, Bird Quiz, 3D Storage Shirt Generator, Expense Manager.

Education

Universidade Cruzeiro do Sul – Analysis and Systems Development.

Faculdade Libano: Postgraduate – Geodesy, Cartography and Geoprocessing (in progress).

Personal

Availability for relocation and travel. Advanced English for conversation and writing.