ABRAHAM MORALES RODRÍGUEZ

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in Abraham Morales Rodríguez

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ABOUT ME

Highly motivated and eager to enter the workforce. Passionate about learning and implementing scalable solutions.

EDUCATION

Ies Hermanos Machado | 2023–2025
Higher Technician in Web Application Development

SKILLS

JavaScript | React

Java | JSwing

Python | Django

Html & CSS

MySQL & MongoDB

Git | GitHub

Docker | AWS

LANGUAGES

C1 Advanced | Cambridge

PROJECTS

ColorEase: Accessible Colors | Collaborative Project
September 2024 - January 2025

- We developed a tool using **React** to generate **color combinations** that meet **WCAG standards**, ensuring a perfect contrast ratio and improving **accessibility** for users with visual impairments by 40%.
- Implemented **React** to provide an **accessible**, user-friendly, and intuitive web interface for all types of users.
- Color Ease also incorporates **optimizations** to enhance **loading** times and emphasizes **scalability**, enabling seamless implementation of future functionalities.
- Analyzed and verified the **contrast ratio** between two colors efficiently from the frontend.
- We used **Git** and **Trello**, applying **agile** methodologies to develop technical skills and foster effective communication within the team.

Airport Management | CRUD
May 2024 - June 2024

- **Database design and Java classes development:** Designed the database structure to manage airports, flights, and passengers, enabling **CRUD** operations. Implemented Java classes and interfaces to model entities (airport, flight, passenger), with attributes and methods for seamless database interaction.
- **Database integration with JDBC:** Implemented **JDBC** for database connectivity, enabling the application to perform CRUD operations efficiently with the relational database (**MySQL**).
- **GUI development with Swing:** Created an intuitive user interface using **Java Swing**, making all CRUD functionalities easily accessible and user-friendly, following the Model-View-Controller (**MVC**) pattern.

CERTIFICATIONS

JavaScript | OpenWebinars | 2024

MySQL | OpenWebinars | 2024