ABRAHAM MORALES RODRÍGUEZ

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 | TypeScript

NextJS | React

Java | JSwing

Php | Ilias

Python | Django

Html & CSS | Tailwind

MySQL & MongoDB

Git | GitHub

Docker | AWS

LANGUAGES

English – C1 Advanced | Cambridge
Spanish – Native

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Abraham Morales Rodríguez

Dos Hermanas, Sevilla

Abrahammordev

EXPERIENCE

Surlabs | Web Developer
March 2025 -Present

- Developed **Checkeapp**, a real-time fact-checking engine built on a Retrieval-Augmented Generation (RAG) architecture that **dynamically** retrieves live web sources, enabling users to curate references for verifiable and grounded report generation. Built using **Next.js, React,** and **TypeScript,** with **oRPC** procedures to ensure proper communication between services.
- Active contributor to the **open-source** community, specifically developing and maintaining features for the **STACKForILIAS** repository using PHP, enabling advanced mathematical assessment integration within the **ILIAS LMS**.

PROJECTS

OpoFlash | Personal Project
May 2025 - Present

- Full-stack EdTech platform for civil service exam preparation that integrates adaptive quizzes and a Python-based **Spaced Repetition System (FSRS)**, orchestrating a scalable architecture using React, Next.js, and Docker to optimize **learning retention and study efficiency**.
- Objetive: A data-driven educational ecosystem that optimizes technical knowledge retention through advanced **analytics** and adaptive **learning algorithms**, leveraging a modern microservices architecture.

Web Portfolio | Personal Project
January 2025 - March 2025

- Objective: Showcase personal skills and recent projects in a user-friendly website.
- Tech Stack: **React**, designed with an emphasis on easy navigation and clear presentation of experience.

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

- Objective: A tool to create accessible color combinations, Ensuring compliance with **WCAG standards**.
- Tech Stack: Built with React, focusing on usability and accessibility improvements for users with visual impairments (**improves contrast** ratio by 40%).