Rafael A. Perea Hernandez

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Professional Experience

JDIAZ BUSINESS LLC   Phoenix,AZ
Full Stack Developer   May 2023 –Present

- Developed and maintained dynamic web applications using Angular on the frontend and NestJS on the backend.
- Successfully implemented essential backend functionalities, including user authentication, token management, and third-party login APIs (e.g., Twitter, Google).
- Employed PostgreSQL for database management, guaranteeing data integrity and optimizing performance to meet demanding application requirements.
- Collaborated closely with UI/UX designers to translate wireframes and mockups from Figma into seamlessly functional interfaces that aligned with user-centric design principles.
- Concurrently managed another web application, utilizing PHP for backend operations and React for frontend development. Assumed responsibility for maintaining and enhancing its features to meet evolving user requirements.

WAYAKNA   Merida, Yuc
Java Developer   Oct 2022 – May 2023

- Led the end-to-end development of a dynamic web application, leveraging APIs as the backend infrastructure. Employed a diverse technology stack including Flask and Spring Boot, with Vue.js powering the frontend.
- Demonstrated expertise in designing and constructing microservices, harnessing Spring Boot to create scalable and efficient backend solutions.
- Spearheaded the conceptualization, design, and execution of the company's official website, utilizing Vue.js to deliver an engaging and responsive user interface.
- Successfully handled the management and processing of extensive datasets, showcasing adeptness with Flask and MySQL database management to ensure data integrity and performance.
- Engineered APIs to fulfill a range of functionalities, including invoice stamping and email management within the web application.
- Pioneered the development of intricate algorithms, effectively matching and processing information to achieve advanced system capabilities.

YUCATANALL, SIPSE   Merida, Yuc
Social Media Manager   May 2019 – September 2022

Developed marketing content such as blogs, promotional materials, and advertisements for social media.

Technical Expertise

Java, Spring boot, MySQL, Vuejs, React, Angular, Nestjs, C, Flask, Git, php, python, Postgres, Typescript

Education

Universidad Autónoma de Yucatán   2020-2024
Bachelor's degree in software engineering

Additional

• Collaborate in the Salesforce Admin Group event • Collaborate in the Workshop Fest event involving technology companies, such as Metaphorce, Accenture, etc • Capture the flag 2023 – 3rd place