Luis Reynaldo Pérez

Full Stack Developer
Business Administration

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+5 years of experience in systems and tools development, including almost 2 years in web development. Currently, I am deeply involved in web development, utilizing a diverse set of technologies and skills that I have acquired over the years. I am committed to continuing to leverage my full potential to make a meaningful impact on projects and contribute to success in my role.

EDUCATION

INTAE Mercantil de Occidente   **December, 2012**
Middle Technical in Business Administration   **Chinandega, Nicaragua**

Universidad Nacional Autónoma de Nicaragua   **December, 2017**
Bachelor Degree in Business Administration   **León, Nicaragua**

SKILLS

Programming Languages: Javascript, Typescript, Python, VBA.
Technologies: React, React Native. Express, Node, Expo, Nextjs, FastAPI, Apollo, SQLite, MySQL, MongoDB.

EXPERIENCE

Ingenio Monte Rosa - Pantaleon   **Chinandega, Nicaragua**
Information Systems Specialist   **October, 2021 - December, 2021**

- Coordinated and led a team of 5 individuals in a project to survey, record, and report on existing and required tools in the machinery workshop.
- Created specialized formats for data collection, streamlining the registration process.
- Designed and implemented an Excel system using VBA to standardize and streamline the tool registration process, reducing errors.
- Conducted data analysis with Power BI to assess tool stocks and requirements in various workshop areas.
- Expanded responsibilities to include detailed registration and reporting of material consumption by machinery during the sugarcane harvest period.
- Developed and maintained information systems focused on the efficiency and control of tools and resources in the workshop.
- Actively collaborated with interdisciplinary teams to ensure effective system integration and process optimization.

Technologies: Microsoft Excel, Visual Basic for Application, Power BI, Microsoft Access.

Florencia Intercomercial, S.A.   **Ciudad de Panamá, Panamá**
Information Systems Specialist   **October, 2018 - Junio, 2019**

- Developed a payroll system for the company using Excel and VBA, enabling the registration of employee hours or the importation of an Excel file from the fingerprint clock system.
- Implemented advanced functions and macros to analyze employee data for the specified period, considering various parameters such as employment type, overtime, vacation periods, and salaries.

- Automated the payroll generation process, producing comprehensive payment sheets, individual pay stubs, and general payment reports.
- Collaborated with the team to create a user-friendly system that allowed for the reduction of personnel required to process payroll and significantly decreased processing time.
- Provided ongoing guidance and support to staff responsible for payroll operations, ensuring efficient use and understanding of the system.
- Developed additional reporting systems, including templates for cash transactions in the treasury and a system for reviewing tax reports by registering invoice and credit note information.
- Achieved reconciliation between manual reports and the automated system, enhancing accuracy and efficiency in tax reporting.

Technologies: Microsoft Excel, Visual Basic for Application, Custom UI Editor, Microsoft Access.

Delicias de Quesos El Rey   **Chinandega, Nicaragua**
Business Operations Manager   **January, 2017 - June, 2018**

- Managed operational activities within a small family business, overseeing the implementation of systems to gather information for effective decision-making.
- Successfully implemented sales and inventory systems, income and expense controls, payroll processes, and financial statements, enabling comprehensive business management.
- Introduced systems to analyze and recognize key financial indicators, performance metrics, and debt levels, providing valuable insights for strategic decision-making.
- Orchestrated the integration of business areas encompassing dairy product sales, dairy collection and processing, food services, tortilla production, and field expenses for milk production.
- Established and maintained a structured information recording, control, and monitoring system, conducting a clear diagnostic assessment of the business's status in the absence of formal records.

Technologies: Microsoft Excel, Visual Basic for Application, Custom UI Editor.

PROJECTS

Full Stack Developer   **Nicaragua**
Financial Web   **September, 2023 - November, 2023**

- Designed and developed a finance-focused website by customizing an existing template to create a blog featuring financial articles.
- Implemented the frontend using Astro, React, and IndexedDB, ensuring a responsive and user-friendly experience.
- Integrated a collection of Excel templates with VBA into the website, providing users with practical financial tools.
- Constructed financial tools, including an amortization table generator and a financial statement generator, enhancing user interactivity and utility.
- Established a backend API using FastAPI in Python, encompassing models, services, and routes for calculations, Excel report downloads, and tool functionalities.
- Implemented thorough testing with Pytest to ensure the robust functionality of the API, covering various scenarios and edge cases.

Technologies: Astro - React - Typescript- Python - FastAPI - Docker.

React Frontend Developer   **Guatemala**
Medical App   **December, 2022 - March, 2023**

- Collaborated with a team to develop an application aimed at enabling clinics to manage patient appointments and efficiently handle medical records.

- Led the implementation of the project by translating Figma designs into code, ensuring the seamless integration of the graphical interface.
- Developed the entire frontend, incorporating both the visual design and functional aspects of the application to enhance user experience.
- Implemented the backend API, creating robust functionality for appointment control and medical records storage.
- Ensured effective communication between the frontend and backend components, facilitating seamless data flow and user interaction.
- Contributed to the overall success of the application by actively participating in design discussions and decision-making processes.

Technologies: Next Js - React - Redux - Typescript.

Javascript Developer   **Guatemala**
ChatBot Platform   **April, 2022 - November, 2022**

- Played a key role in a team project aimed at developing a chatbot administration platform, responsible for creating the web application for user management of chatbots.
- Implemented user authentication, allowing users to edit their information and manage chatbot questions through a user-friendly web interface.
- Designed the mobile application using React Native and Expo, overseeing the entire user interface and incorporating a comprehensive component library and necessary functionalities.
- Developed the frontend of the mobile application to facilitate seamless user interaction and efficient chatbot management.
- Implemented the backend API for chatbots, ensuring smooth communication between the frontend and backend components.
- Collaborated with the backend team to establish a GraphQL server, intercepting requests from other microservices developed by the team.

Technologies: React - React Native - Redux - Graphql - SQLite - Storybook - Express.

AWARDS

- 2° Place University Entrance Exam - UNAN León - January 2013
- 1° Place in Business Plan - UNAN León - Jun 2017
- 1° Place Operations Simulation - INCAE Business School - May 2020