Jorge Monraz

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https://main--monrazjorge.netlify.app/

Profile

Undergraduate Computer Science student at Full Sail University with experience as a System Administrator at a rapidly growing e-commerce start-up company. Progressive experience writing code and designing solutions.

Academic and Personal Projects

[Aegis – Inventory Management System]

· Designed an interactive Android application using Java and Firebase Cloud, Firebase Authorization, and Firebase Storage that allows e-commerce businesses and warehouses to keep track of inventory, inbound and outbound orders.

[MediPred – Healthcare Management System]

· Designed and implemented an effective healthcare application using Django as the backend framework and React as the frontend technology. The application incorporates a PostgreSQL database for efficient CRUD operations and data management. With a strong focus on security, Django's authorization tools were utilized to establish a robust authentication system. Also, the application integrates a custom machine learning model to provide accurate predictions for healthcare-related factors, such as the risk of developing diabetes and heart disease. This comprehensive solution leverages the strengths of Django, React, PostgreSQL, and machine learning to deliver a powerful and impactful application for the healthcare industry.

Work Experience

SYSTEMS ADMINISTRATOR | 3PLWINNER | NOVEMBER 2020 - PRESENT
· Manage Office 365 environment, create users, manage rules, and track alerts.
· Direct point of contact for high escalated tickets in ZOHO One environment.
· Create documentation and update contingency plans for the technology department.
· Maintenance and management of Windows Server 2019.
· Troubleshoot software and hardware; maintain devices updated such as PCs, scanners, laptops, tablets, laser inkjet printers, and zebra label printers.
· Perform customer and employee training on company systems and new technologies.
· Installation of WAPs, PoE switches, security cameras, NVRs, control access devices and servers.
· Direct involvement with developers to design new algorithms and UI/UX for the WMS software.
· Knowledge of API connections and structure; integrate third-party apps through API.
· Develop mobile and web tools that communicate with our Warehouse Management System.
· Develop cloud applications to generate custom reports based on company needs utilizing Python and React.
· Experience testing and implementing new software and systems.

AMAZON DELIVERY DRIVER | FURAAT INC. | JANUARY 2020 – NOVEMBER 2020

· Utilize Amazon's rabbit devices to access my daily route and perform scanning tasks.

MANAGER | MCDONALD'S | JANUARY 2014 – MAY 2018

Education

HIGH SCHOOL DIPLOMA | MAY 2013 | MONTGOMERY HIGH, SAN DIEGO, CALIFORNIA

COMPUTER SCIENCE ASSOCIATE'S DEGREE | MARCH 2023 | FULL SAIL UNIVERSITY, WINTER PARKS, FLORIDA | 3.9 GPA

COMPUTER SCIENCE BACHELOR'S DEGREE | PRESENT | FULL SAIL UNIVERSITY, WINTER PARKS, FLORIDA | 3.9 GPA

Skills & Abilities

· Experience with HTML, CSS, JavaScript, Java, C#, C++, Dart, and Python.
· Spring boot, Flutter, React and Django frameworks.
· MySQL, Sqlite3, PostgreSQL, Firebase, MAMP.
· GitHub, git, Figma, Jira, and Trello.
· Android Studio, Visual Studio, IntelliJ IDEA.
· Experience with testing and debugging applications.
· Experience designing MVC patterns.
· Experience consuming and creating APIs.
· Experience working with Agile methodologies.
· Knowledge of microservice design and deployment.
· Ability to create organized and detailed documentation.
· Proficiency in Microsoft Office 365 applications.
· Software Installation.
· Troubleshooting.
· Windows Server 2019.
· Windows and MAC.
· Android and iOS.
· LAN Technology.