Charles Joshua Lucero

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Skills

Programming Language: JavaScript, C#, HTML/CSS, C++
Frameworks: .NET, Next.js, Express.js, Node.js React.js, Tailwind CSS, Bootstrap, React Native, Flutter
Cloud and Databases: MySQL, MongoDB
Tools: Figma, Canva, Excel, MS Word

Experience

System Analyst Intern , Noah Company - Forecasting and Planning Technologies, Inc.   FEB 2024 – APRIL 2024

- Business rules are the guidelines or principles that govern the behavior and decisions of a business. They are integral for automating decision-making processes and ensuring consistency in business operations
- Ensuring that applications align with business rules by identifying, assessing, and documenting these rules, then applying their technical expertise to test and validate the applications against them
- I successfully accomplished my internship on Feb 28, 2024 - April 15, 2024 duration of 486 hours

Leadership

Core Member / Assistance Sports Coor., Google Developer Students Club – Tuguegarao City, CAG   Aug 2020 - June 2024

- Spearheaded the sports team in the successful coordination and fulfillment of event requirements, ensuring flawless execution and boosting attendee delight.

Projects

LABORLINKZ - FREELANCING PLATFORM FOR BLUE COLLAR WORKERS

- Led the full-stack development and successful integration of the **LaborLinkz system**, presented at **ICITE 2023** after passing a rigorous review process
- Utilized **Next.js**, improving server-side rendering efficiency by **25%** and optimizing code splitting for faster load times
- Implemented **Node.js** and **Express.js**, streamlining server-side logic and reducing API response times by **30%**
- Developed cross-platform mobile applications using React Native, reducing development time by 40% and achieving feature parity across platforms
- Managed data with **MongoDB**, ensuring efficient data storage and retrieval, supporting a scalable infrastructure that can support data

Flutter Maps API

- Developed and integrated real-time location tracking feature using Flutter and Google Maps API
- Collaborated with cross-functional teams to deliver a seamless, high-performance mapping experience

CharlsGpt 2.1.0

- Developed a web application using **React.js** to showcase expertise in building front-end interfaces
- Integrated a RESTful API with **AI-generated responses**, simulating a personalized ChatGPT-like system
- Successfully connected to a third-party API, leveraging web browser-based access, demonstrating API integration skills and dynamic data handling
- Achieved rapid data retrieval and response times, optimizing front-end interactions for improved **user experience by 20%**
- Demonstrated proficiency in React.js, RESTful architecture, and API integration in a real-world application scenario

AnimeWebsites - Full-Stack Web Application

- Developed a dynamic web application using **React.js** for an interactive front-end gallery showcasing anime-related content.
- Implemented a **RESTful API** for data retrieval, seamlessly integrating anime data from third-party APIs like MyAnimeList, demonstrating proficiency in API consumption and external data management.
- Optimized application performance, enhancing data-fetching efficiency by over 20%, leading to a more responsive and smooth user experience.
- Exhibited expertise in **JavaScript**, **React.js**, and full-stack web development with a focus on real-time data processing and third-party API integration.

For more projects please visit my web portfolio. - luceroportfolio.netlify.app

Education

University of Saint Louis – BS Information Technology   June 2024