FLORES JIAN KYLE GARRIDO

FULLSTACK DEVELOPER

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ABOUT ME

Business Information Systems graduate specializing in software development. I focus on solving problems and finding practical solutions, with a background in programming and data management. Looking to contribute to a team and continue learning in the industry.

SKILLS

C#

MVC ASP.NET

CSS

HTML

PYTHON

JAVA

SQL

KNIME

UNITY

AI ML

EDUCATION

Republic Polytechnic 2021-2024

DIPLOMA IN BUSINESS INFORMATION SYSTEMS

Specialising in
Software Development

WORK EXPERIENCE

Full-Stack Development Intern   **Mar 2023 – Aug 2023**

FOO KON TAN

• Developed Enhancements for Sales Enquiry & Quotation System for External Client
• Created detailed user guides and technical documentation for new features developed, enhancing system usage and maintenance.
• Designed and implemented new reports using Crystal Reports to provide actionable insights and enhance data analysis.
• Streamlined financial data flow by integrating MAS exchange rate API with the company's internal system.
• Designed new MS SQL Server tables and configured data types and constraints. Independently handled test data insertion and query optimization, ensuring efficient integration with newly developed application features.
•Mainted In-House Practice Management System

ACADEMIC PROJECTS

Budget Asset Management System   **Nov 2023 – Feb 2024**

- AWARDED DISTINCTION GRADE
- Received Endorsement Letter from ICT Department Head

For ICT Department of Huamin Primary School
• **Audit Log**: Created a real-time audit log with an AJAX-enabled grid view for instant search updates. Implemented robust logging mechanisms to capture all CRUD operations, enhancing system traceability and accountability.
• **User Management:** Developed a secure login system utilizing BCrypt for password hashing, designed a user-friendly login interface with a customized Bootstrap template, and implemented role-based access control to manage permissions effectively.
• **Google Cloud SQL Integration:** Set up and hosted the Google Cloud SQL Server, meticulously configuring and securing data access. Managed the organization, data types, and allocation of data across tables, optimizing database structure and ensuring data integrity.
• **Assets Management:** Designed and implemented features for asset addition, tagging, deployment, loan management, and repair tracking, ensuring efficient and user-friendly asset handling.

FREELANCE WORK

ONLINE CLIENTS   2023-2024

Image Processing Application Development

- **Client Project:** Developed an image processing application utilizing webcam capabilities for real-time image segmentation, color space conversions, and face detection. Applied advanced graphics programming techniques, meeting client specifications and earning positive feedback.

E-commerce Application Development

- **Client Solution:** Designed and developed a Python-based E-Commerce application featuring product listing and cart functionalities. Utilized Bootstrap for design and Shelve for persistent storage, ensuring robust data validation. The client praised the intuitive design and functionality of the application.

Python Programming Consultation

- **Client Training:** Provided detailed explanations and guidance to a client, facilitating their understanding of Python code and programming concepts. The client's feedback highlighted improved comprehension and coding skills.

Data Visualization with Python

- **Client Engagement:** Created Python programs to visualize vehicle population and border traffic data using line and bar graphs, providing clients with effective tools for data analysis and presentation, leading to commendations for the clear and insightful visualizations.

Unity Game Development and Debugging

- **Client Collaboration:** Assisted a client in debugging and resolving various game issues, including UI bugs, player gravity, and control malfunctions. Quickly acquired Unity skills to deliver effective solutions, resulting in high client satisfaction.

PART TIME EXPERIENCE

F&B SERVICE CREW

MOONBOW   Aug 2022 - Mar 2023

THE COFFEE ACADEMICS   Oct 2023 - Dec 2023