MAYNARD A. ERMITA

09682678399 | maynardermita@gmail.com | Sta. Rosa, Laguna

WORK EXPERIENCE

Frontend & Backend Developer / IT Technical Support (OJT)
Calamba Medical Center (CMC) – MIS Department | Calamba, Laguna

Frontend & Backend Developer
- Contributed to the development of the Inventory Management System at CMC, assisting in frontend and backend development tasks under the guidance of team leads.
- Developed the TATCare System at CMC, including UI/UX design using Figma and Canva, frontend development, and simple PHP backend implementation to support patient turnaround time tracking.
- Designed and implemented the MySQL database schema for the TATCare System to ensure efficient and accurate patient data management.
- Participated in testing, debugging, and technical documentation of the system under the guidance of team leads.

IT Technical Support
- Provided technical support to hospital staff, resolving hardware and software issues promptly.
- Assisted MIS Staff in maintaining and troubleshooting computer systems and network equipment in the MIS department.

PROJECTS

Inventory Management System | 2 Mary's Motorcycle Shop Parts and Accessories
System Analysis and Design
- Designed system architecture and produced full documentation including use case and data flow diagrams.

Tech and Gadgets Website
Web Development
- Designed and coded a phone listings website using HTML, CSS, and JavaScript.

Inventory System
Database Management System
- Built a database-backed inventory system with full CRUD functionality using MySQL.

Inventory and POS System
Object-Oriented Programming (.NET)
- Developed an Inventory and Point-of-Sale system in C# applying OOP principles for modular and maintainable design.

Space Shooter
Object-Oriented Programming (.NET)
- Designed and coded a 2D space shooter game using C# and .NET, implementing game logic and collision detection.

Galaxy Shooter
Game Development
- Developed a 2D game using Flutter (Dart) with complete game functionalities including multiple levels and power-up mechanics.

Android-Based Inventory, POS, and Sales Management System with Customer Loyalty Integration
Software Engineering
- Designed and developed an Android-based POS and sales management system for 2 Mary's Parts and Accessories Motorcycle Shop using Flutter (Dart) for the frontend and Python for the backend, reducing manual inventory errors and improving operational efficiency.
- Also developed and published a Suki customer loyalty website deployed via GitHub, Render, and Cloudflare Pages.
- Sales Backend (GitHub): https://github.com/dranyam13/sales-backend

- Suki Web (GitHub): https://github.com/dranyam13/suki_web
- Live POS System: https://pos-inventory-98u.pages.dev/#/login
- Live Suki Website: https://sukiwebsite.cocoguardapp.workers.dev/suki_login
- Published Document (Figshare): https://figshare.com/articles/thesis/_b_Android-Based_Inventory_Point-of-Sale_and_Sales_Management_System_with_Customer_Loyalty_Integration_b_/31711666

CocoGuard

Undergraduate Thesis Project

- Designed and developed a web-based admin portal using HTML, CSS, and JavaScript, and a CocoGuard mobile application built with Flutter (Dart) for coconut pest detection using machine learning.
- Developed the backend using Python to handle pest detection logic and data processing.
- Published both the website and the downloadable mobile app, enabling accessible and scalable pest monitoring for coconut farmers.
- Backend (GitHub): https://github.com/dranyam13/cocoguard-backend
- Web (GitHub): https://github.com/dranyam13/cocoguard-web
- Live Website: https://cocoguard-web.cocoguardapp.workers.dev/
- Download App: https://cocoguard-web.cocoguardapp.workers.dev/download

EDUCATION

Bachelor of Science in Computer Science
CITI Global College | 2022 – Present

Senior High School – Humanities and Social Sciences
Labas Senior High School | 2018 – 2020

Secondary Education
Southville 4 National High School | 2014 – 2018

Primary Education
Labas Elementary School | 2008 – 2014

TECHNICAL SKILLS

- Programming Languages: Dart (Flutter), Python, PHP, C#, Visual Basic, JavaScript
- Markup & Styling: HTML, CSS
- Database Management: MySQL, Database Access
- Data Visualization: Power BI
- Design Tools: Figma, Canva
- Deployment: GitHub, Render, Cloudflare Pages
- Microsoft Office: Word, Excel, PowerPoint

SOFT SKILLS

- Problem Solving
- Strong Work Ethics and Integrity
- Time Management
- Team Collaboration
- Willingness to Learn

LANGUAGES

- Filipino (Native)
- English (Proficient)