

# Allan Raymart C. Paraiso

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Santo Nino, Pagadian City, Zamboanga del Sur

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## SUMMARY

I am a graduate of Bachelor's Degree in Information Technology major in Database Systems as Magna Cum Laude, at Mindanao State University - Iligan Institute of Technology (MSU-IIT). I have been the sole developer for most of my college system projects, and as well as my internship project which has given me a background in front-end development, back-end programming, and database management.

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## NOTABLE PROJECTS

### Laundry Cashflow and Management System

#### Full Stack Developer

Laundry Cashflow and Management System is a web-based application made with **Vanilla PHP for back-end development, HTML, CSS Bootstrap 5, and Javascript** for the Front-end, **PostgreSQL** for the database management, and **ChartJS** for data visualization. The main features of this system are sales and expenses management module, and employee management module.

### Userfeedback, Complaint, Whistleblower Module

#### Full Stack Developer

The project is a proposed module or sub-system for the MSU-IIT National Multi-Purpose Cooperative. This subsystem is made with **PHP - Laravel 10** for the back-end development, **HTML, CSS -LTEADMIN, Javascript, and ChartJS for the front-end development**, and **MySQL** for database management. The main features of this subsystem are userfeedback, whistleblower and complaint reporting, and managing reports.

### LigtasGIS: Web-Based Emergency Reporting GIS Application

#### Full Stack Developer

LigtasGIS is my capstone project aimed to provide a platform for emergency reporting employing real-time communication between pages, and aligned my development in accordance with the SDLC: Prototype Model. The system is made with **PHP - Laravel 10 and Laravel Spatie** for back-end development, **HTML, CSS, JQuery - AJAX** for front-end development, **PusherJS and Laravel Echo** for websocket implementation, **LeafletJS and OSRM** for the mapping features, and **MySQL** database management. The main features of this system is the reporting module for the user - citizens, and report and user management for the user - admin, and realtime monitoring for user-rescuers

### Dynamic Queueing System

#### Full Stack Developer

The Dynamic Queueing System as a web-based application assigned to me during my internship, The system is made with **PHP - Laravel 10 and Laravel Spatie** for back-end development, **HTML, CSS, JQuery - AJAX** for front-end development, **PusherJS and Laravel Echo** for the realtime implementation, and **MySQL** for database management. The main features of this system are the dynamic user and window management.

### Cirrhosis Patient Survival Rate using Machine Learning Algorithm

#### Full Stack Developer

The project is a web-based application aimed to use machine learning algorithm specifically Random Forest Classifier and Regression models, the development of the system is in accordance with the SDLC: Rapid Application Development (RAD) methodology. As a prerequisite to the development of the application, a historical data is acquired and cleaned then used to train the models using RFC and Regression using **Python**. For the web-based application **Python-Flask** is used for the back-end development and API integration from the trained models, **HTML, CSS – Bootstrap 5, ChartJS, and Javascript** are used for front-end development

## WORK EXPERIENCE

**Supervised On The Job Training** | Pixzel Digital

**January 29 - May 12 2024**

### **Junior Full-Stack Web Developer**

During the internship, I was assigned a project - Dynamic Queueing System, a web-based application deployable to any institution that requires it due to its dynamic features ensured in its development. My role is developing the project in its entirety, initially I set up the database using **MySQL** based on the specifications from my Senior Developer, **PHP Laravel 10** is used for back-end development, and **HTML, CSS, JQuery - AJAX** are used for front-end development.

**Junior Web Developer (Part time)** | Pixzel Digital

**May 14, 2024 - Present**

### **BizSmart Resto**

BizSmart Resto is a project for a client, the system aimed to streamline the processes within the resto business which includes menu, POS, and inventory. I am primarily assigned to several modules which includes Menu Engineering, Items registration, and Products registration, and as well as making and handling API. The web-based system is made with **PHP - Laravel 10** for the back-end development, **HTML, CSS - Bootstrap 5, JQuery AJAX** for the front-end development and **MySQL** for the database. **Vanilla - PHP** is also used for the Menu/POS

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## EDUCATION

**Bachelor of Science in Information Technology (Magna Cum Laude)**

**2020-2024**

College of Computer Studies

Mindanao State University - Iligan Institute of Technology

Iligan City, Lanao del Norte 9200

**Grade 7 - Grade 12 (With Honors)**

**2014-2020**

Pagadian City Science High School

Pagadian City, Zamboanga del Sur

**Grade 1 - Grade 6 (Academic Excellence Awardee)**

**2014-2020**

Pagadian City Science High School

Pagadian City, Zamboanga del Sur

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## TRAININGS AND SEMINARS

**Capacity Building Training Course**

**January 2024**

Learn at Fligno and Erudithe - Cagayan de Oro City

**Emerging Technologies-Concepts and Applications V2.0**

**November 2021**

College of Computer Studies

Mindanao State University - Iligan Institute of Technology

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## BACKGROUND IN PROGRAMMING LANGUAGES

- PHP
- PHP - Laravel 10
- Python
- Python - Flask
- HTML
- CSS - Bootstrap 5
- Javascript
- MYSQL
- POSTGRESQL
- NOSQL (Firebase)

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## CHARACTER REFERENCES

Neschelle Joy Villasurda Bramida

Pixzel Digital - Managing Director

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