Zen Andrei Obrero

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EDUCATION

Biliran Province State University   **Naval, Biliran**

Bachelor of Science in Computer Science   *Graduation Date: May 2024*

ACHIEVEMENTS

- **Algolympics Coding Event Champion 2022**
- **Dean's Lister 2023 - 2024**

WORK EXPERIENCE

IPSolutions Inc.

IT Intern   *Mar 2024 - May 2024*

- Developed static websites utilizing **HTML/CSS** and **Bootstrap** templates, following **UI/UX design** principles to ensure responsive and user-friendly layouts.
- Collaborated with cross-functional teams to ensure the development process adhered to **Software Development Life Cycle (SDLC)** practices.

PROJECT EXPERIENCE

School Projects

Online Scidama Board Game

- Developed an online adaptation of the traditional Scidama board game using **Node.js**, **JavaScript**, and **Socket.io**.
- Designed and implemented real-time **multiplayer game logic** and **user interface (UI)** to replicate a seamless physical board game experience in the digital platform.
- Debugged and maintained the game's code, following agile **SDLC** methods.

Rose Pharmacy Inventory System with POS

- Developed an inventory management system with **Point of Sale (POS)** functionality using **Java**, **MySQL**.
- Ensured system maintainability and scalability by following **coding standards** and conducting regular **code reviews**.

Personal Projects

Mini Expenses Tracker

- Developed and deployed a fullstack web application using the **MERN** stack (**MySQL, Express, React, Node**).
- Implemented a **RESTful API** for handling backend logic, utilizing **JavaScript** and **Node.js** to process requests and serve data efficiently.
- Worked with **MySQL databas** to ensure smooth data management and storage.

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C++, Python, PHP

Web Development: HTML, CSS, JavaScript, Node.js, React.js, Tailwind CSS, Bootstrap, Socket.io.

Databases: MySQL, MongoDB(Basic knowledge)

Software Development Life Cycle (SDLC): Familiar with Agile and Waterfall methodologies

Version Control: Git

SOFT SKILLS

Skills: Critical thinker, Enthusiastic coder, Problem solver, Quick learner, Diligent, Analytical mindset