

Zen Andrei Obrero

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EDUCATION

Biliran Province State University

Bachelor of Science in Computer Science

Naval, Biliran

Graduation Date: May 2024

ACHIEVEMENTS

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

WORK EXPERIENCE

Uzaro Solutions Technology Inc.

Quezon city

Technology Developer

Nov 2024 - Present

- Developed and maintained scalable, responsive web interfaces using React and TypeScript, focusing on type safety, performance, and user-centric UI/UX.
- Integrated IoT devices with web applications to enable real-time data communication and improve system reliability for smart technology solutions.
- Collaborated with cross-functional teams in an Agile environment, actively participating in sprint planning, code reviews, and iterative delivery aligned with SDLC best practices.

IP Solutions Inc.

Pasig city

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**.

Rose Pharmacy Inventory System with POS

- Developed an inventory management system with **Point of Sale (POS)** functionality using **Java**, **MySQL**.

Personal Projects

Zen Blog App

- 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.
- Integrated JSON Web Tokens (JWT) on the server to enable secure authentication and protect sensitive routes.

TECHNICAL SKILLS

Programming: TypeScript, Java, C++, Python, PHP

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

Databases&Tools: MongoDB, MySQL, Prisma ORM, JWT, Git

SOFT SKILLS

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