Neil Ardrey Laza

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Experience

Google Developer Group on Campus NU Baliwag　　　　September 15, 2024 – Present
Mobile Development Assistant Lead

- Built a To-Do List App in FlutterFlow without a backend, utilizing available widgets and logic to manage state and persistence.
- Designed the UI Frontend of Instagram using FlutterFlow to replicate core layout elements like feed, profile, and explore pages.
- Contributed to the development of Octo Mobile App – a Capstone Management System for students and professors.
- Developed Homepage, Request Capstone Page, and Manage Capstone Page with integrated frontend and backend workflows.
- Integrated Supabase for backend services including authentication and database operations.
- Ensured consistent UX/UI across pages and followed best practices in app structure and state logic.

Leveraged Knowledge in FlutterFlow (UI builder, logic, and navigation), and Supabase (authentication, database, and CRUD operations).

iBarangay – A Web Application to Digitize Barangay Services　　　March 15, 2025 – June 7, 2025
Lead Developer / Project Manager

- Spearheaded the design and development of a web-based system to streamline barangay services such as resident profiling, document requests, and case tracking.
- Designed a normalized database schema covering residents, blotter cases, document issuances, and monthly reports.
- Developed core modules including Resident Management, Document Request & Issuance, User Role System, and Blotter Case Records using PHP and MySQL.
- Implemented Google Sign-In for authentication and role-based access for admins, staff, and residents.
- Ensured responsive design using HTML, CSS (with Bootstrap), and JavaScript for mobile and desktop compatibility.
- Applied secure coding practices and validation to prevent SQL injection and improper access.
- Conducted user testing and gathered feedback from simulated users to refine UX and workflows.

Leveraged Knowledge in PHP, MySQL, Bootstrap, JavaScript, HTML/CSS, Google Sign-In integration, and database normalization to create a scalable and maintainable barangay management platform.

AWSCC NU Baliwag   **November 21, 2023 – June 29, 2025**

Chief Relations Officer

- Led outreach efforts to engage with speakers, sponsors, and tech communities for collaborative events and workshops.
- Coordinated with internal teams to plan and execute successful events such as Kyumi's First Sail and SCHEMA SENSE: Learning the Database Management Fundamentals.
- Maintained professional relationships with AWS Student Community leads and NU campus officials to support ongoing initiatives.
- Promoted club activities through digital campaigns and social media coordination to boost engagement and membership.

National University Marketplace: E-commerce   **April 1, 2024 - June 29, 2024**

Project Leader

- Led group discussions to define system design and user flow for the marketplace platform.
- Implemented email verification system using PHPMailer to secure user registration.
- Developed password reset via email functionality to enhance account recovery.
- Managed Git-based version control to ensure smooth collaboration and resolve merge conflicts.
- Designed and implemented product listing, user login, and admin dashboard modules using PHP, MySQL, and HTML/CSS.
- Facilitated sprint planning and task delegation within the development team.
- Conducted testing and debugging for core modules and provided peer code reviews.

Leveraged Knowledge in PHP, Javascript MySQL, HTML/CSS, and collaborative tools like Git and Github for full-cycle development and team coordination.

Tap Notch: Development of NU Baliwag QR Scanning System for LRC   **April 2, 2023 – June 25, 2023**

Senior High School

- Help groupmates and set up the interface in a way that the QR system can process.
- Proposed the main idea and flow of the system
- Ensure that information is accurate and valid by creating and updating details.

Education

Bulacan State University   **July 2023 - August 2023**

Major: Information Technology, BS

National University Baliwag   **August 2023 – Present**

Major: Information Technology, BS

Skills & abilities

Programming Languages: PHP, JavaScript, FlutterFlow

Frameworks & Libraries: Bootstrap, Tailwind CSS

Backend & Database: Supabase, MySQL, PHPMyAdmin

Tools & Technologies: Git, GitHub, XAMPP, Visual Studio Code, Figma