

# Luigi Miguel A. Cavio

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<https://github.com/luigi070202-dotcom> | <https://luigi070202-dotcom.github.io/portfolio/>

## Professional Summary

Results-driven Bachelor of Science in Information Technology student specializing in Web and Mobile Application Development. Experienced in designing and developing dynamic, responsive, and efficient digital solutions. Integrates AI-assisted development and practical Agile project leadership to deliver reliable, user-centered systems efficiently. Demonstrates strong analytical thinking, problem-solving, and collaboration skills, with a commitment to continuous learning, innovation, and excellence in software development.

## PROJECTS

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### NUExtend: A system for Project Management at NU Baliwag Community Extension Office (Capstone)

*Project Manager | System Architect | Researcher*

- Developed a centralized platform for managing community projects and volunteers, integrating QR-based attendance, digital document processing, and automated certification for NU Baliwag Community Office.
- Designed volunteer registration, participation tracking, and project prioritization features to improve coordination and operational efficiency.
- Built responsive web (React), backend API (Laravel), and mobile (React Native) applications with secure database integration.

**Links:** Web: [Web Link](#) | API: [API Link](#) | Mobile: [Mobile APK Link](#)

Github: [Web Github](#) | [API GitHub](#) | [Mobile Github](#)

### Joy Pascual Dental Clinic Booking System (School Project)

*Full-Stack Developer / System Architect / Researcher*

- Developed a web-based appointment management system to streamline patient scheduling, improve accessibility, and enhance clinic operations.
- Designed an intuitive interface for patients and staff, featuring online appointment creation, tracking, and a 3D dental model for treatment visualization, with automated email confirmations and digital receipts.
- Built the system using PHP, HTML, CSS, and MySQL for secure data management and reliable performance.

**Link:** Github: [Github Link](#)

### Balai Alegra Resort Booking Management System (School Project)

*Project Manager / System Architect*

- Developed a web-based booking management system for Balai Alegra Resort to streamline reservation processes and improve guest experience.
- Designed a user-friendly interface for viewing availability, managing bookings, and tracking guest information in real time.
- Built the system using HTML, CSS, React.js, Firestore, and Git for responsive performance and efficient data handling.

## **EDUCATION**

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### **National University – Baliwag**

Bachelor of Science in Information Technology with Specialization in Mobile and Web Application (BSIT-MWA)

- **Dean's Lister – AY 2022–2023 (3 Terms) and AY 2023–2024 (1 Term)**

## **SKILLS AND INTEREST**

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### **Technical Skills:**

- **Front-End:** HTML, CSS, JavaScript, React.js
- **Back-End:** PHP, Java
- **Database:** MySQL, Firebase Firestore
- **Tools & Platforms:** VS Code, GitHub

### **AI-Assisted Development:**

- Experienced in prompt engineering using ChatGPT to accelerate coding, debugging, and documentation while ensuring ethical and academically accepted use.
- Utilizes AI tools to enhance productivity, improve problem-solving efficiency, and support software development workflows.

### **Project Management & Leadership:**

- Skilled in managing software projects using Agile methodology.
- Strong leadership, collaboration, and problem-solving abilities demonstrated through team-based projects

### **Productivity & Office Tools:**

- Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)
- Google Workspace (Docs, Sheets, Slides, Drive)
- Canva
- Zoom