

# BERNARD C. MANGULABNAN

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Portfolio: bernardmangulabnan.com | GitHub: github.com/Mangulabnan-Bernard | LinkedIn: linkedin.com/in/bernard-mangulabnan

## PROFESSIONAL SUMMARY

Full Stack Web and Mobile Developer passionate about building user-friendly, visually appealing websites and web apps. Proficient in HTML, CSS, JavaScript, React, Next.js, Node.js, TypeScript, and Tailwind CSS, with additional experience building cross-platform Android and iOS applications using Flutter. Leverages AI tools to boost efficiency. Fast learner and collaborative team player eager to grow in a professional environment.

## WORK EXPERIENCE

- Freelance Web Developer** Feb 2025 – Mar 2026
- Developed custom websites and web apps from design to deployment using Next.js, Tailwind CSS, and AI tools.
- Part-Time Web Developer | AP Global IT Solutions Inc, Antipolo (Hybrid)** Sep 2025 – Mar 2026
- Maintained internal systems, handled updates, bug fixes, and data management; documented new features.
  - Conducted training sessions teaching Flutter and Dart fundamentals to upskill team members.
  - Created website templates for various occasions such as birthdays, events, RSVPs, and more.
- Intern | AP Global IT Solutions Inc, Antipolo (Onsite)** Aug 2025 – Sep 2025
- Analyzed system architecture and rebuilt a functional replica using Next.js with synthetic test data.
  - Documented system workflows and taught Next.js fundamentals to fellow interns.

## PROJECTS

- Web**
- DevPath.hub — Guided Learning Platform** — Next.js, React, TypeScript, Tailwind CSS, Prisma, PostgreSQL, anime.js, Vercel
- A web platform that helps beginners learn programming step by step. Includes learning paths, simple explanations, project-based lessons, progress tracking, and an error helper tool.
- All4Home – Home Services Platform** — Next.js, Tailwind CSS
- Booking platform for home services; providers list services, customers book and pay easily on any device.
- Tourist Spots Platform** — Next.js, Prisma ORM, Upload Thing, Tailwind CSS, Vercel
- Discovery website for local tourist spots with details and photos.
- Barangay Incident & Complaint Report System** — Next.js, TypeScript, Tailwind CSS, Prisma ORM, MySQL
- Full-stack web system replacing paper logbooks for barangay staff.
- Mobile**
- Anong Ulam Today? — Filipino Recipe Helper** — Flutter, Dart, Riverpod, GoRouter, Mobile, Web
- A Flutter prototype for mobile and web that helps users choose ulam, browse recipes, manage fridge ingredients, and add new dishes. It includes timed greetings, random recipe discovery, ingredient chips, and recipe details with step-by-step cooking instructions.
- ATM Go - Mobile Banking App** — Flutter, Dart, Android & iOS
- Mobile banking app with money transfers, account management, and secure login; clean cross-device UI.
- Smart Grow - AI Crop Health Monitor (Thesis)** — Flutter, Dart, Android & iOS, Machine Learning (TensorFlow)
- AI mobile app diagnosing Tomato, Red Onion, and Garlic crops via photo; tracks health over 7 days.
  - Evaluated with Accuracy, Precision, Recall, F1-Score; app quality assessed via ISO/IEC 25010.

## TECHNICAL SKILLS

- Front-End:** HTML5 & CSS3, JavaScript (ES6+) & TypeScript, React.js & Next.js, Tailwind CSS, Responsive Design & PWA
- Mobile:** Flutter & Dart, Android & iOS, Cross-Platform Development, Mobile UI/UX Design, RESTful API Integration, State Management
- Back-End & Database:** Node.js & Express.js, PostgreSQL / Prisma ORM, MySQL, PHP
- Tools & Platforms:** Git & Version Control, Vercel / Hostinger / AWS, CI/CD, Agile / Scrum
- AI Tools:** Claude & Claude Code, ChatGPT, Cursor, Windsurf, TensorFlow

## EDUCATION

- BS Computer Science** | Holy Cross College Sta. Lucia, Santa Ana, Pampanga Jun 2022 – May 2026
- Secondary** | San Luis National High School, Pampanga Jun 2014 – Aug 2022

## REFERENCES

- John Francis Quinzon — Senior Web Developer | +63 951 755 6984
- Mark Irion Alarde — Senior Web Developer | +63 907 013 2571