

JOHN DAVE B. BAÑAS

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TECHNICAL SKILLS

Mobile: Flutter, Dart, Clean Architecture, MVVM, Riverpod, Provider, GetIt, Retrofit, .Net Maui, C#
Backend: NestJS, Node.js, TypeScript, PostgreSQL, MySQL, Drizzle ORM, REST APIs, JWT, Redis
Integrations: REST APIs (Retrofit + Dio), PayMongo, Facebook Graph API, WebSocket/Socket.IO, Firebase, OpenStreetMap
Tools: GitHub Actions (CI/CD), Firebase App Distribution, Git/GitHub, Postman, Android Studio, Xcode, VSCode

EXPERIENCE

IT Specialist – Mobile & Desktop Developer

LCC Group of Companies | July 2026 – Present

- Maintain and optimize enterprise .NET MAUI Android and desktop applications supporting 100+ daily operational staff across 10+ warehouse and retail locations.
- Engineered an offline-first SQLite caching layer that resolved race conditions and eliminated live data loss during high-traffic warehouse floor updates, cutting sync failures by estimated 80%.
- Integrated custom hardware barcode scanning routines and automated test suites, eliminating data validation failures during inventory intake and reducing intake time per shipment.

Software Developer Intern (OJT)

Quanby Solution, Inc. | Payroll Management System | Feb – May 2026

- Led backend development on a NestJS payroll system, establishing architectural standards and reviewing pull requests across a team of 3 engineers.
- Architected and shipped 11 full-stack modules (NestJS, PostgreSQL, Next.js) covering authentication, attendance, overtime calculation, and payroll processing.
- Implemented role-based access control (RBAC), audit logging, session timeouts, and end-to-end integration tests to safeguard financial workflows.

PROJECTS

MyNagAlaga: Government Services Platform

Mobile Developer

Grand Winner – 1st Naga City Mayoral Hackathon, Social Services Challenge | 2026

- Engineered the citizen-facing mobile application using Clean Architecture and Riverpod for predictable, modular state management.
- Built proximity-based evacuation routing with interactive OpenStreetMap integration to guide citizens during emergencies.
- Implemented a secure Digital Badge module to streamline identity verification across municipal workflows.

ElecXus: Electric Cooperative Platform

Full Stack Developer | Capstone Project | Aug – Nov 2025

- Developed an end-to-end self-service mobile application featuring automated billing, geospatial complaint logging, and live outage advisories via the Facebook Graph API.
- Integrated PayMongo payment pipelines (e-wallets, cards) with webhook-driven reconciliation for instant transaction confirmation.
- Delivered real-time complaint status updates over Socket.IO with Firebase Cloud Messaging push notifications.

EatEase: Food Ordering Mobile Application

Full Stack Developer | Jan – Mar 2025

- Built a cross-platform Flutter food ordering application featuring live order tracking, real-time customer-vendor WebSocket chat, and digital checkout.
- Architected the MongoDB schema and Node.js REST API layer managing order lifecycles, vendor menus, and payment reconciliation.

EDUCATION

Bachelor of Science in Information Technology – Cum Laude

Bicol University College of Science, Legazpi | 2022 – 2026