



Kurt Angelo M. Barbin

Full-stack Developer

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EXPERIENCE

Backend Developer Head | AWS Learning Club

2026 – Present · Philippines

- Leads backend architecture and software development for organization web applications and internal tools.
- Engineered interactive web applications and gamified experiences for Enlistment Week to boost student recruitment and engagement.

Full-stack Developer | MasterByte Corporations

2025 – 2026 · Philippines

- Designed and developed a responsive, high-performance customer ordering page for online transactions.
- Engineered real-time order processing, product catalog management, and seamless checkout workflows.

Main Developer | Sikaptala Hackathon

2026 · Manila, Philippines

- Served as the main developer, architecting and building the full-stack web solution under competition time constraints.
- Engineered core application logic, database integration, and polished responsive user interfaces for live judging.

Main Developer | eGovPH Hackathon

2026 · Manila, Philippines

- Led end-to-end technical development for digital public service solutions and civic tech workflows.
- Designed scalable API endpoints and intuitive interfaces tailored for real-time government service interaction.

Main Developer | HackerCup Hackathon

2026 · Manila, Philippines

- Developed the primary codebase from initial concept to live production demo in a high-intensity hackathon sprint.
- Implemented core product features, real-time state management, and seamless UX for the competition showcase.

PROJECTS

Trackacademic | Creator & Maintainer

2026

An all-in-one, gamified academic productivity platform that syncs with Canvas LMS, featuring Kanban task management, grade tracking, and a customizable virtual pet companion to make studying engaging.

Tech: Next.js, TypeScript, Supabase, PayMongo, Tailwind CSS

Dink & Drink — Pickleball Receptionist System | Creator & Maintainer

2025

Full-stack venue management and POS platform for pickleball facilities with integrated F&B operations. Features court scheduling and booking, mobile customer QR ordering with real-time sync, a live Kitchen Display System (KDS), and automated revenue analytics — connecting staff terminals, kitchen screens, and customer devices via Supabase WebSockets.

Tech: Next.js, React, TypeScript, Supabase, PostgreSQL, Tailwind CSS

S.A.L.E.S. System | Frontend Engineer

2025

A full-stack Next.js 16 double-entry bookkeeping and business analytics SaaS built to automate financial record-keeping, inventory tracking, and P&L reporting for Philippine small businesses.

Tech: Next.js, React, TypeScript, PostgreSQL, Prisma, NextAuth.js, Tailwind CSS, Recharts

Volleyball Pointing System | Creator & Maintainer

2025

A full-stack web application designed for tournament directors to digitize volleyball scoring, generate automated bracket trees, track live match stats in real time, and auto-compute standings.

Tech: Next.js 16, React 19, TypeScript, Supabase, PostgreSQL, Tailwind CSS

MasterByte Corporation Order Page | Creator & Maintainer

2025

A streamlined ordering web application featuring a client-facing portal for online transactions and a dedicated administrative dashboard for managing and tracking customer orders.

Tech: Next.js 16, React 19, TypeScript, Tailwind CSS

T.I.T.O App (Time In Time Out) | Creator & Maintainer

2023

An attendance system for students utilizing RFID cards and a reader.

Tech: Python, MySQL, Git

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, Python, SQL

Frontend: Next.js, React, Tailwind CSS, HTML5, CSS3, Bootstrap, Recharts

Backend & Data: Node.js, Supabase, PostgreSQL, MySQL, Prisma, NextAuth.js, REST APIs, API Integration, Real-time WebSockets

Tools: Git, Docker, PayMongo

EDUCATION

De La Salle Lipa

2024 – Present

Bachelor of Science in Computer Science

CERTIFICATIONS

Algorithm Coding Competition | DLSL JPCS, De La Salle Lipa

November 6, 2025