

Cole Christian Uyan

AI Engineer & Full-Stack Developer

Cebu, Philippines · uyancole@gmail.com · coleuyan.vercel.app · github.com/kol-kidd

PROFESSIONAL SUMMARY

AI Engineer and full-stack developer with 2+ years designing and shipping multi-model agentic systems across production SaaS products. Architected autonomous AI pipelines using Gemini API and GPT API across content automation, medical data extraction, and accounting migration workflows. Experienced in orchestrating AI models to handle real business logic, not just autocomplete. Strong in Next.js, NestJS, and TypeScript.

TECHNICAL SKILLS

AI & Agentic Systems: Gemini API, GPT API, Prompt Engineering, Multi-model Orchestration, Agentic Pipelines, AI Engineering

Primary Stack: Next.js, TypeScript, Node.js, Tailwind CSS, shadcn/ui

Frontend & Mobile: React.js, React Native (iOS & Android), Material UI, Bootstrap, PHP

Backend & CMS: NestJS, Express.js, Strapi, Sanity CMS, PostgreSQL, MySQL, MongoDB, SQLite, Supabase, Firebase

Tools & Architecture: Nx Monorepo, Git/GitHub, Docker, Figma, Redux, Zustand, React Query, SWR, PayMongo, Stripe, Claude Code, Codex

WORK EXPERIENCE

Full Stack Developer Intern | [Symph Inc.](#) | *January 2026 – May 2026*

- ▶ Architected the multi-model AI pipeline for Echoic, orchestrating 5 AI models: Gemini 2.5 Flash for planning, captions, and concept direction; Gemini 3 Pro Image Preview and GPT Image 2 for image generation; GPT-5 for research; and GPT-5 Mini for creative critique. Enabled fully autonomous social content publishing across Instagram, Facebook, LinkedIn, and TikTok.
- ▶ Designed and built AI-powered document triage across Medilo and Dokuvault using Gemini OCR, extracting diagnoses, medicines, and medical timelines from uploaded documents with no manual intervention.
- ▶ Built end-to-end payment infrastructure across 2 platforms, integrating PayMongo, Stripe, and SymphPay with checkout sessions, webhooks, receipt downloads, and automated refund flows.
- ▶ Engineered multi-tenant RBAC across 4 production apps using NestJS guards, JWT custom claims, and Supabase RLS, spanning superadmin, tenant, platform-admin, and customer roles.
- ▶ Implemented offline-first PWA with service workers, React Query caching, optimistic UI mutations, and real-time WebSocket sync across all 4 platforms.
- ▶ Applied an AI-orchestrated dev workflow throughout, interchangeably using Claude Code and Codex for feature planning, architecture, and code auditing across a shared Nx Monorepo.

Freelance Frontend & Full-Stack Developer | [Remote](#) | *November 2023 – November 2025*

- ▶ Delivered a full-stack inventory management system for Green's Compugadgets, handling inventory CRUD, purchase/sales workflows, customer management, and mobile-responsive UI, built with Next.js, Fastify, and Supabase.
- ▶ Built a headless CMS landing page for Green's Compugadgets using Next.js and Sanity CMS.
- ▶ Built frontend interfaces for 2 local clients: Chickify's admin/superadmin dashboard in React/Vite with data tables, filters, charts, and price management UI; and CluckingClean's React Native mobile client with calendar scheduling and chart visualizations.

KEY PROJECTS

Echoic · *Multi-Model AI Content Automation SaaS* echoic.symph.ai

- ▶ Designed 5-model orchestration layer: Gemini 2.5 Flash for layout planning, captions, and concept direction; Gemini 3 Pro Image Preview and GPT Image 2 for image/carousel generation; GPT-5 for research; GPT-5 Mini for creative critique. Includes automated scheduling across 4 social platforms.
- ▶ Built full subscription and credit billing system with PayMongo/Stripe/SymphPay, country-based provider selection, soft paywalls, billing recovery, and paid-feature gating.

CourtHub PH · *Multi-Tenant SaaS Sports Platform* courthub.ph

- ▶ Built a secure court booking platform with superadmin/tenant controls, premium feature flags, offline/manual payment support with proof upload, hybrid reschedule pricing engine, and branded QR sharing.
- ▶ Handled Docker-based GCP deployment, structured backend logging, and webhook/payment correctness across recurring bookings and cross-midnight scheduling edge cases.

Green's Compugadgets · *Inventory System + AI Migration Pipeline*

- ▶ Delivered agentic Gemini-powered invoice encoding and Peachtree accounting data migration, handling legacy document parsing, AI-assisted validation, customer PII encryption, and sales/purchase workflows.

SIDE PROJECTS

InternPal · *AI-Enhanced Internship Tracker*

- ▶ Built a personal internship tracking SaaS with Kanban/journey views, Gemini-powered AI journal enhancement for refining and enriching user-written notes, AI-generated weekly summaries, PDF/journal export, and CTU-formatted report generation.
- ▶ Self-initiated project deployed on Vercel/Railway with full auth, dashboard state, and application CRUD.

CAPSTONE PROJECT

RemindCare · *React Native Health App + Remi AI Agent*

- ▶ Designed and built Remi, a Gemini-powered AI medical assistant agent, handling agentic onboarding, personalized medication guidance, and health summaries for end users.
- ▶ Shipped a cross-platform medication reminder app with native alarm management, push/SMS notifications, AI medication validation, SOS emergency map, vitals tracking, and health records. iOS-ready.
- ▶ Built a web-based admin dashboard with MUI tables, user management, employee registration, invite flows, and role/case handling.

EDUCATION

Bachelor of Science in Information Technology | *August 2022 – May 2026*

Cebu Technological University – Danao Campus