

RAFFY JAMES ADAMS

Full-Stack Product Engineer

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PROFESSIONAL SUMMARY

Full-stack product engineer who designs, builds, and ships complete AI-powered products end to end — from database schema to UI to deploy. I've launched live e-commerce platforms, a multi-sided marketplace, AI order bots, and a native Android app, working solo across the full stack with Next.js, TypeScript, Supabase, and LLMs. I ship real products with real users — not prototypes. Open to full-time roles and freelance projects.

CORE STRENGTHS

- **Full-stack product development** — Next.js / React + TypeScript front-to-back, Supabase / PostgreSQL, serverless APIs
- **AI integration** — LLM function-calling, multi-agent pipelines, and AI features wired into real workflows (OpenAI, Anthropic, Gemini)
- **End-to-end delivery** — architecture → build → testing (Jest / Playwright) → deploy → iterate, solo
- **E-commerce & marketplace systems** — inventory / variants, checkout, order management, admin analytics, maps, payments

TECHNICAL SKILLS

Development: TypeScript, JavaScript, Next.js, React, Node.js, Kotlin (Android), Python, REST APIs, Webhooks, Serverless Functions

Data & Infrastructure: Supabase, PostgreSQL (Row Level Security), Cloudinary, Netlify, Render, Git / GitHub, OAuth

AI: OpenAI (GPT-4o), Anthropic Claude, Google Gemini, function calling, multi-agent systems, prompt engineering, MCP

Testing: Jest, Testing Library, Playwright (E2E)

Automation & Tools: n8n, Make, Zapier, Figma, Adobe Photoshop, Canva, Notion

FEATURED PROJECTS

rjmusic.shop — E-Commerce Platform | [Next.js 15](#) • [TypeScript](#) • [Supabase](#) • [Jest](#)

Full-stack store with product-variant inventory, an admin analytics dashboard (revenue, top products, order source), automated Messenger order notifications, and GA4. Built variant price/stock aggregation and SECURITY DEFINER order RPCs; unit-tested core logic. Live and open source.

Linktenda — Multi-Sided Marketplace Platform | [Next.js 16](#) • [Supabase](#) • [Leaflet](#) • [Playwright](#)

Community marketplace with separate customer, merchant, and rider apps, live map-based delivery tracking, and end-to-end tests — role-based routing across four user types. My most ambitious build. Live at linktenda-ph.netlify.app.

rjmusic.shop — AI Messenger Order Bot | [Node.js](#) • [GPT-4o-mini](#) • [Supabase](#) • [Messenger API](#)

Production bot running the full order flow end-to-end via Facebook Messenger using LLM function calling that writes real database orders; message-ID deduplication, saved customer profiles, multilingual (English / Filipino / Bisaya).

iacollection.shop — E-Commerce | [Next.js](#) • [TypeScript](#) • [Cloudinary](#) • [Messenger API](#)

Live storefront for a real footwear business — category navigation, product detail pages, integrated Messenger ordering, and Cloudinary-hosted imagery.

AutoAudit.AI — AI Automation Auditor | [GPT-4o-mini](#) • [Netlify Functions](#) • [Vanilla JS](#)

Live tool that audits a business's workflow and generates a personalized automation report for visitors; built as a lead magnet. Live at autoaudit-ai.netlify.app.

PacePilot — Android GPS Running Tracker | [Kotlin](#) • [FusedLocation](#) • [TextToSpeech](#)

Native real-time pace tracker with per-kilometer targets, voice coaching, and a foreground GPS service — built entirely in Kotlin, no XML layouts or third-party UI frameworks.

PROFESSIONAL EXPERIENCE

Full-Stack Product Engineer — [Independent / Freelance](#) 2024 — Present

- Designed, built, and deployed live products end to end — e-commerce platforms, a multi-sided marketplace, AI order bots, and a native mobile app.
- Owned the full stack: Next.js / TypeScript, Supabase / PostgreSQL, serverless functions, AI integration, automated testing, and Netlify / Render deployment.
- Shipped to production for real businesses and customers; iterated based on live usage.

Community Relations Support Staff — [Minergy Power Corporation](#) August 2022 — Present

- Manage documentation, data entry, and digital record-keeping using Google Workspace.
- Design and edit visual materials using Adobe Photoshop, including event graphics, certificates, promotional materials, and communication assets.
- Provide photography and event documentation support for community programs, company events, and stakeholder engagement activities.

EDUCATION

Bachelor of Science in Information Technology 2015 — 2022
[Misamis Oriental Institute of Science and Technology \(MOIST\)](#)

AVAILABILITY

Open to: Full-time roles, freelance projects, and long-term remote contracts.

Working hours: Flexible — can align with US, AU, or EU time zones.

Remote-ready: Stable internet, dedicated workspace, strong async collaboration.