

JOHN MICHAEL BALAJADIA

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PROFESSIONAL SUMMARY

AI Engineer and Full-Stack Developer with 2+ years building production-grade agentic pipelines, automation systems, and ERP integrations that directly reduce manual overhead for enterprise clients. Proven track record deploying end-to-end LLM-orchestrated solutions using LangChain, n8n, and Google AI, saving clients measurable hours weekly. Cum Laude IT graduate with hands-on experience across the full software lifecycle, from architecture to deployment.

PROFESSIONAL EXPERIENCE

Junior ERPNext Specialist | Titus Global Tech-Inc.

Oct 2024 – Present

- **Accelerated shipping data processing by ~40%** by integrating a Terminal Operating System (TOS) with ERPNext, automating container data flows and eliminating manual entry bottlenecks across 3 departments.
- **Reduced post-deployment bugs by ~25%** by authoring comprehensive unit and integration tests for new custom modules, raising test coverage from near-zero to a documented baseline.
- **Maintained 99%+ platform uptime** by resolving 3–5 complex technical support tickets weekly in collaboration with a distributed remote development team.

Automation Developer | Freelance / Independent Contractor

Nov 2025 – Jan 2026

- **Eliminated ~10 hours/week of manual recruiter work** by architecting an end-to-end AI hiring pipeline using n8n, Gemini API, and Google Workspace that auto-parsed email applications, scored resumes against job criteria, and dispatched scheduling links.
- **Increased lead-to-meeting conversion rate by ~30%** by engineering a sales outreach engine that sent personalized cold emails, detected positive replies via NLP, and auto-triggered Calendly booking links, removing 100% of manual follow-up from the workflow.
- **Reduced content publishing time by ~8 hours/week for an entertainment client** by building a social media auto-poster integrating n8n, AI Agents, and the Facebook Graph API to autonomously generate captions, match visuals, and publish posts on schedule.

Software Developer Intern | Titus Global Tech-Inc.

Apr 2024 – Jul 2024

- **Contributed to TOS-ERPNext integration** as a core team member, laying the architecture that supported the production system later promoted to full employment.

KEY PROJECTS

Myndraft AI Content Generation Platform | React, Vite, Tailwind, Supabase, LangChain, Tavily API

- **Reduced content research-to-draft cycle by ~70%** by architecting a 3-tier multi-agent LLM pipeline (Researcher → Writer → Reviewer) with live web research via Tavily API, producing brand-aligned marketing copy autonomously.
- **Eliminated manual revision rounds** by engineering a Reviewer agent that evaluated outputs against brand guidelines and auto-triggered targeted rewrites, achieving publication-ready quality without human-in-the-loop feedback.

Kalo Offline-First Smart Budgeting Mobile App | React Native, TypeScript, SQLite, On-Device AI

- **Achieved 100% offline functionality** by implementing a SQLite-backed offline-first architecture across iOS and Android, enabling grocery budget tracking and pantry management with zero internet dependency.
- **Delivered on-device AI insights with zero latency** by integrating a lightweight conversational agent that analyzes spending habits and executes natural language commands (e.g., 'add milk to cart') entirely client-side.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, PHP, HTML/CSS

Frameworks & UI: Next.js, React.js, React Native, Django, Tailwind CSS

AI & Automation: LangChain, n8n, Gemini API, Make, GoHighLevel, ManyChat, Agentic Pipelines

Data & Cloud: MySQL, Supabase, SQLite, Render, REST APIs, Docker

ERP & Enterprise: ERPNext, Frappe, TOS Integration

Tools: Git, GitHub, Figma, VS Code

EDUCATION

B.S. Information Technology

Cum Laude, President's & Dean's Lister | *Polytechnic University of the Philippines* | Oct 2024