

John Michael Balajadia

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Summary

Software Engineer with hands-on expertise in full-stack development (Python, JavaScript, React.js) and enterprise architecture. Experienced in developing custom ERP modules, engineering AI-integrated automation pipelines, and writing automated tests to reduce production bugs. Recent Cum Laude IT graduate with a proven track record of optimizing operational efficiency and ensuring platform stability for enterprise clients.

Professional Experience

Junior ERPNext Specialist (Oct 2024 – Present)

Titus Global Tech-Inc. | Remote

Software Developer Intern (April 2024 – July 2024)

- **Automated Data Workflows:** Contributed to the critical integration of a Terminal Operating System (TOS) with ERPNext, developing solutions to automate the flow of shipping container data and eliminate manual entry bottlenecks.
- **Improved Code Quality:** Authored and implemented comprehensive unit and automated tests for new custom modules, significantly increasing test coverage and reducing post-deployment bugs.
- **Optimized Platform Stability:** Maintained and enhanced enterprise ERP systems by collaborating with a remote development team, consistently resolving 3-5 complex technical tickets weekly to ensure maximum uptime.

Automation Developer (Nov 2025 – Jan 2026)

Freelance / Independent Contractor | Remote

- **Architected HR Automation Pipeline:** Built an end-to-end automated hiring system using **n8n, Gemini API, and Google Workspace**. Engineered AI workflows to parse email applications, screen resumes against job criteria, and auto-send scheduling links, saving recruiters hours of manual review.
- **Developed Lead Generation Engine:** Designed a robust sales outreach system that sends personalized cold emails, intelligently detects positive replies, and automatically engages leads with meeting booking links to maximize conversion rates.
- **Engineered Social Media Auto-Poster:** Created a custom automated workflow for an entertainment industry client utilizing **n8n, AI Agents, and the Facebook Graph API**. The system autonomously writes matching visuals and publishes online content, drastically reducing the client's repetitive manual tasks.

Technical Skills

- **Languages:** TypeScript, JavaScript, Python, PHP, HTML, CSS
- **Frameworks & Libraries:** Next.js, React.js, React Native, Django, Tailwind CSS
- **Databases & Cloud:** MySQL, Supabase, Render, REST APIs
- **Automation & ERP:** n8n, ERPNext, Frappe, Make, GoHighLevel, ManyChat
- **Tools:** Git, GitHub, Visual Studio Code, Figma

Projects

Myndraft | AI Content Generation Platform

Tech Stack: React, Vite, Tailwind CSS, Supabase, Agentic AI, Tavily API

- **Architected a multi-agent AI pipeline** utilizing the Tavily API for live research, implementing a 3-tier LLM orchestration (Researcher, Writer, Reviewer) to autonomously generate brand-specific marketing content.
- **Engineered an automated feedback loop** where the Reviewer agent dynamically evaluates drafts against brand guidelines, automatically triggering targeted revisions to ensure high-quality output without human intervention.

Kalo | Offline-First Smart Budgeting Mobile App

Tech Stack: React Native, TypeScript, SQLite, On-Device AI

- **Developed a cross-platform mobile application** with an offline-first architecture using SQLite, allowing users to track grocery budgets and manage pantry inventory without internet dependency.
- **Integrated a "Light Intelligent Model"** conversational agent that analyzes user spending habits, provides actionable financial insights, and executes natural language commands (e.g., adding items to a cart) entirely offline.
- **Built a crowdsourced community database** feature enabling users to collaborate and identify the most cost-effective grocery items in their geographic area.

Gym-App | Gym Membership Management SaaS (In Progress)

Tech Stack: Next.js, TypeScript

- **Designing a digital management solution** tailored for local fitness centers to eliminate legacy paper-based tracking and streamline daily administrative operations.
- **Implementing a centralized dashboard** and database system to provide both gym owners and members with real-time visibility into subscription statuses, reducing billing errors and expired membership overlap.

Education

Polytechnic University of the Philippines | San Pedro, Laguna

Bachelor of Science in Information Technology (Graduated Oct 2024)

- **Honors:** *Cum Laude* | Consistent President's and Dean's Lister