

# Irvin Elbanbuena

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## EDUCATION

### BS Computer Science

Mapúa Malayan Colleges Mindanao, Davao City, Philippines

2019 - 2023

## WORK EXPERIENCE

### Software Developer

Ingenuity Global Consulting, Inc., Davao City, Philippines

April 2024 -  
December 2025

- Integrated and customized a third-party component library, delivering 10+ reusable charts, graphs, and UI elements that replicated a client-requested premium platform feature for a 4-person engineering team
- Integrated REST APIs for authentication (JWT, OAuth, Google Sign-In) and email notifications, implementing error handling, optimistic UI updates, retry logic, and skeleton loading states
- Developed multi-step filterable search workflows with schema-based validation (Zod) as part of a premium feature recreation, reducing user input errors across complex data collection pipelines
- Identified and resolved 2-3 critical bugs in production, improving stability and preventing further downstream issues
- Collaborated with designers via Figma handoff and independently designed UI components (modals, forms) when no designer was assigned
- Participated in code reviews both as a reviewer and reviewee, giving and receiving structured feedback to maintain code quality and team standards
- Delivered responsive, accessible interfaces across devices using WCAG guidelines, improving usability for all internal users

### Web Development Intern

Remarkablism Services Corporation | Turnkey Phils, Davao City, Philippines

March 2023 - April  
2023

## SKILLS

Languages  
& Frame-  
works  
UI/Styling  
State &  
Data  
Validation  
& Forms  
AI & Cloud  
Testing  
Workflow &  
Tooling

TypeScript, JavaScript, Python, React, Next.js, Node.js, FastAPI, Nest.js, HTML, CSS

Tailwind CSS, Mantine, Radix UI, Headless UI

React Query, Wretch, PostgreSQL, Supabase, Prisma ORM, SQLAlchemy

Zod, React Hook Form

RAG, LLMs, Embeddings, Claude AI, Voyage AI, OpenRouter, AWS EC2, Vercel, Railway, NGINX  
Pytest, Jest, Vitest

Git, GitHub, GitHub Actions, CI/CD, Code Review, Figma, Prettier, WCAG Accessibility

## PROJECTS

**DocuMind** *React, TypeScript, Tailwind CSS, FastAPI, Python, PostgreSQL, Supabase, RAG, LLMs, Embeddings, Claude AI, Voyage AI, Vercel, Railway* <https://docu-mind-lime.vercel.app/>

Enables non-technical users to query financial PDFs in natural language, grounding answers in the document via RAG, vector embeddings, and conversation memory. Built with a React and TypeScript frontend, FastAPI backend, and pgvector on Supabase.

**Logisticore** *Next.js, FastAPI, AWS EC2, SQLAlchemy, NGINX, Tailwind CSS, Python, Pytest* <https://multitenant-frontend-nu.vercel.app/>

A multitenant inventory and supply chain management SaaS with role-based access control, multi-tenant data isolation, purchase request workflows, stock tracking, and audit logging. Includes Pytest unit tests on backend functions and frontend optimistic UI with skeleton loading states.

**LLM-Restaurant Finder** *Next.js, OpenRouter, OpenAI GPT-4o-mini, TypeScript, Foursquare API* <https://restaurant-finder-nu.vercel.app/>

A smart, AI-powered restaurant search tool that lets users describe what they want in natural language and returns personalized recommendations via prompt-engineered natural language parsing. Powered by OpenRouter (GPT-4o-mini) and Foursquare Places API.

**Scriblaheim** *Next.js, Nest.js, AWS EC2, Prisma ORM, NGINX, Tailwind CSS* <https://scriblaheim.ielbanbuena.online/home>

A platform where authors publish serialized novels chapter-by-chapter and readers follow, rate, and review ongoing works. Features email OTP authentication and email notifications, with discovery driven by rankings and engagement rather than editorial curation.