

HANS AMOGUIS

AI Engineer | Full-Stack Developer

Davao City, Philippines | amoguishans@gmail.com

hanseo.tech | github.com/Hanseooo | linkedin.com/in/hanseooo

EXPERIENCE

AI Solutions Development Intern | Eskwelabs

Feb - May 2026

- Architected and scaffolded a full-stack recruitment automation prototype; implemented LangChain workflows for job descriptions and LinkedIn/Facebook posts to standardize recurring content drafts.
- Built the React frontend with shadcn/ui and organized development through structured GitHub issues, assigning implementation tasks to fellow interns to coordinate parallel work.
- Developed a template-driven Google Slides generator with slide ordering, placeholder replacement, speaker-specific notes, and incomplete-content checks to produce drafts ready for human review.

Volunteer Software Developer | DurianPy

Aug 2026 - Present

- Built and tested a FastAPI admin endpoint for presigned badge-artwork uploads with authentication, request validation, and sanitized errors; changes were merged.
- Implemented the responsive homepage hero and travel-guide page for PyCon Davao 2026 from Figma designs; both contributions were merged into the conference website.
- Updated the TechTix registration step for the 2026 event while preserving existing field mappings, validation, and next-step behavior; changes were merged.

Freelance Full-Stack Developer | Le Doux

2026

- Designed, developed, and deployed a Next.js/Supabase ordering platform replacing Google Forms; the client reported 75% faster order processing.
- Built a multi-step checkout, GCash proof review with browser-based OCR, and admin tools for orders, products, customers, and reporting to centralize daily operations.
- Implemented server-side total recalculation, PostgreSQL row-level security, and order snapshots to protect prices, access, and historical records.

SELECTED PROJECTS

StoryBuddy | github.com/Hanseooo/story-buddy

- Developed a LangGraph illustration workflow linking story analysis, reference generation, VLM-based consistency checks, and targeted scene regeneration to detect character drift.
- Built annotation and evaluation tooling for character-identity review, enabling structured human labels and precision/recall/F1 reporting.

Clarift | clarift.me | github.com/Hanseooo/clarift

- Built a Next.js/FastAPI study platform that turns uploaded material into source-grounded summaries, quizzes, targeted practice, and RAG chat.
- Implemented PostgreSQL/pgvector retrieval, Redis/ARQ background jobs, and SSE progress updates so document ingestion and AI generation run asynchronously.

TECHNICAL SKILLS

AI Engineering: LangChain, LangGraph, RAG, Gemini API, pgvector, Langfuse, VLM integration

Backend / Data: Python, FastAPI, REST APIs, PostgreSQL, SQLAlchemy, Redis, ARQ

Frontend: TypeScript, React, Next.js, Tailwind CSS, shadcn/ui, TanStack Query

Developer Tools: Git, GitHub, Docker, pytest, Playwright, Vercel, Supabase

EDUCATION

Holy Cross of Davao College | Davao City, Philippines

Bachelor of Science in Information Technology | 2023 - Present | Expected 2027