Mark Kenneth Badilla

Full Stack AI Engineer

Cebu, Philippines (UTC+8), Remote, works EU or US hours

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SUMMARY

I build production software end to end, from Next.js interfaces and Node.js services to PostgreSQL schemas, background jobs, automation and the LLM features on top. Every change ships behind tests, build gates and a backup that is proven to restore.

SKILLS

Full stack

TypeScript · Python · Node.js · NestJS · Next.js · React · REST APIs · Webhooks

AI and LLM

LLM pipelines · Tool-calling agents · RAG · MCP · Evaluation · Vercel AI SDK · OpenRouter

Data and backend

PostgreSQL · Drizzle ORM · Prisma ORM · Redis · BullMQ

Automation and deploy

n8n · Docker · Coolify · Cloudflare Workers · CI/CD

Certifications

AWS Certified AI Practitioner (AIF-C01) · TOPCIT Level 3 · PhilNITS Fundamental Engineer (FE)

WORK EXPERIENCE

AI Engineer at WeAssist

Mar 2026 - Current

- Built the internal operations platform (Next.js, PostgreSQL) in ten weeks, on additive-only migrations.
- Built an unattended LLM extraction pipeline that turns meeting transcripts into a structured signals database.
- Killed my own predictive model after a label audit; shipped an explainable rules-based detector instead.
- Built desktop AI agents with tool calling for non-technical staff, plus a meeting platform used daily.
- Every deploy backs up production, restores it into a scratch database and diffs row counts before anything migrates.
- Wired a 300+ check gate suite into the build, so bad code is uncommittable whether a person or an agent wrote it.

Software Engineer at Hatchit Solutions

Jun 2025 - Apr 2026

- Built atomic inventory operations and financial reconciliation for a multi-tenant ERP platform.
- High-volume background job processing on BullMQ and Redis; query tuning through composite indexing.

Web Engineer Intern at Hatchit Solutions

Jan 2025 - May 2025

PROJECTS

markkennethbadilla.com

Portfolio with a conversational agent running a real tool-calling loop.

- Answers from a fact corpus whose tests reject any figure the corpus does not license.

EDUCATION

BS Information Technology (Magna Cum Laude) at CIT University

Jan 2021 - Jan 2025