Fil Heinz O. Re La Torre

Email: filheinz27@gmail.com | Silay City, Negros Occidental 6116 | **Phone**: +63 907 788 1454

Portfolio: filheinzrelatorre.com | **GitHub**: github.com/jabluetooth | **LinkedIn**: linkedin.com/in/filheinzrelatorre

SUMMARY

AI Engineer focused on building production LLM pipelines, multi-step automation workflows, and infrastructure that ships and scales. Hands-on experience across the full stack: LLM orchestration, RAG pipelines, n8n workflow automation, React Native, and Next.js. I work independently, ship fast, and build systems meant to last in production. Drawn to the space where AI and automation solve problems that matter.

PROJECTS

Bonny-AI | Conversational AI Portfolio www.filheinzrelatorre.com

- Chat interface over a real Postgres database of my skills, projects, and experience: intent detection on each message decides whether to pull grounded context and whether to render a matching UI component, a project card, skill chips, or a timeline, alongside the text response.
- Grounds every answer in stored data instead of letting the model invent details about my own background, and routes only the messages that need it through the LLM rather than defaulting every reply to a generation call. Google OAuth-gated admin dashboard for managing content and reviewing past conversations.
- Live admin takeover: a visitor can ask to talk to me directly, and I can take over any conversation from the bot in real time over Supabase Realtime presence, reply as myself instead of the AI, then hand it back to the bot when done.

Stack: Next.js 15, React, TypeScript, Supabase (PostgreSQL, Auth, RLS), Groq, Tailwind CSS

Match | AI Career Dashboard on an n8n Backend matchby.filheinzrelatorre.com

- Next.js app over a 6-webhook n8n backend: scraping, LLM scoring, resume tailoring and PDF rendering run asynchronously while the app polls Postgres, so the UI never blocks or loses state on refresh.
- Signed server-to-server callbacks, resume files stored as Postgres BYTEA instead of a public bucket, LLM-generated HTML rendered in a sandboxed iframe, and row-ownership checks on every mutating route.

Stack: Next.js 16, React 19, TypeScript, Prisma 7, PostgreSQL (Neon), Clerk, n8n, Groq, Vercel

What To Do | Idea-to-Boilerplate Generator whattodoby.filheinzrelatorre.com

- Multi-stage pipeline turns a one-sentence app idea into a structured PRD, a recommended tech stack with reasoned alternatives, and a scaffolded boilerplate pulled from a template registry, currently Next.js plus Postgres plus Drizzle, and FastAPI plus Postgres.
- Boots the generated project live in-browser via WebContainer before download, so what ships is a project already proven to run rather than files that should work.

Stack: Next.js 16, React 19, TypeScript, WebContainer API, PostgreSQL (Neon), Drizzle, Groq, Upstash QStash/Redis, Cloudflare R2, Vercel

Also built: ZeroPress, Intellicath, Vuln, Se7en, Mimo, Insight, Ignite

SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Automation & AI: n8n (self-hosted, webhooks, error workflows, cron), REST APIs, OAuth 2.0, Groq, Gemini, HuggingFace, RAG design, vector search (Qdrant, pgvector), eval design

Web & Data: Next.js 15/16, React 19, React Native / Expo, Tailwind, PostgreSQL (Neon), Supabase, Prisma, Drizzle, Firebase

Cloud & DevOps: AWS (EC2, IAM, Lambda, CloudWatch), Docker, Vercel, GitHub Actions CI/CD

Security: JWT, RBAC, Row-Level Security, AES-256-GCM at rest, SSRF and injection hardening, rate limiting

EXPERIENCE

Breen Design Group | Cloud Support Aug 2025 - Present

- Managed AWS and Azure infrastructure for a 50-person distributed team; provisioned and maintained EC2 and Azure VM instances across Windows environments.
- Administered IAM users, roles, and policies to enforce least-privilege access across development and production workloads.
- Monitored utilization and health metrics for cost and performance; resolved RDP/SSH, VPN, and network issues for remote teams.

Kumu PH | Machine Learning Data Analyst Intern Feb 2025 - Aug 2025

- Improved an automated content-moderation and spam/abuse detection bot across iterative model training and evaluation cycles.
- Preprocessed thousands of text and image records with Pandas and NumPy for NLP classification, tuning features and hyperparameters to reduce false positives; built Matplotlib dashboards for engineering.

EDUCATION

Technical University of the Philippines - Visayas | BS Computer Engineering 2025