

FRANZ ELIEZER SAMILO

Full-Stack Design Engineer · Agentic AI Infrastructure

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SUMMARY

Full-stack and AI/ML engineer specializing in agentic infrastructure — LLM orchestration, MCP servers, and autonomous agent pipelines — and the full-stack systems to ship them. Builds production software for international clients across conservation, education, and business automation.

SKILLS

Languages: TypeScript, JavaScript, Dart, Python, SQL

Frameworks: Next.js, React, React Native, Flutter, Node.js, Tailwind CSS

AI / Machine Learning: LLM Orchestration & Agent Architecture, Multi-Agent Systems & Swarm AI, MCP (Model Context Protocol) Servers, RAG / GraphRAG, Machine Learning, Neural Networks & Graph Neural Networks (GNNs), Prompt Engineering, Claude / OpenAI / Gemini APIs

Integration & Automation: MCP Connectors & Middleware, Custom API Integrations, OAuth / PKCE, n8n, GoHighLevel (GHL), Workflow Automation, Webhooks & REST APIs

Data: PostgreSQL, Prisma, Supabase, Data Analysis, GIS Mapping, Tableau

Frontend & Motion: Three.js / WebGL, GSAP, Framer Motion, GLSL

Platforms & Tools: Vercel, Sanity CMS, Auth.js, Git / GitHub

EXPERIENCE

Lead Developer · XzenTech Solutions

Nov 2025 – Present

Remote · Contract

- Lead developer for the company's product suite — designed and shipped 6+ production web and mobile apps, several integrating machine learning.
- Built **Cartman PH** (delivery logistics — GIS mapping & routing), **XZEN Connect** (talent marketplace, AI matching & escrow), **XTS Web** (engineering services & hardware e-commerce), **RoboGuide** (IoT learning hub), **Proxima LMS** (robotics LMS with in-browser code editor), and **StatSmart** (AI statistics assistant).

Full-Stack Engineer — Agentic AI · OZ Tech (unwiz.ai)

April 2025 – Present

Remote · Part-time

- Build agentic AI workflows for a diverse client base — LLM orchestration, MCP servers, tool chains, and end-to-end agent pipelines — with GoHighLevel (GHL) automation and custom-coded applications per client.
- Built **Mentoria** (Mentoria.gr, Greece), an AI education platform with an agent-tool chat system and modular AI mentors. Next.js, TypeScript, agent architecture.

Frontend Developer · Rare.org

May – August 2025

Remote · Contract

- Built the frontend for Rare's **EarthRanger** conservation-analytics dashboard, deployed across **750+ conservation sites tracking 23,000+ animals** globally. Next.js, TypeScript, GIS mapping, real-time telemetry.

Full Stack Developer · UniHub

2023 – 2024

Central Philippine University, Iloilo City

- Built a university online marketplace where students buy and sell, on the founding student team.
- Selected for DICT's **STEP UP** program — one of 11 startups chosen in Western Visayas from 24 applicants — and pitched at the program's demo day.

CERTIFICATIONS

Anthropic Academy — Introduction to Model Context Protocol · Model Context Protocol: Advanced Topics · Claude Code in Action · Agent Skills · Claude Agent SDK · Building with the Claude API

EDUCATION

BS Software Engineering · Central Philippine University

2022 – 2026

Iloilo City, Philippines

- Thesis:** A GNN-Augmented Framework for Semantic Integrity Validation and Grounded Reasoning in Professional Knowledge Systems