

FAMANIAS LIKES TO CODE

github.com/Famanias | behance.net/famaniasss | famlikestocode.vercel.app

 github.com/Famanias

Education

Local College

Philippines

Bachelor of Science in Computer Science, Magna Cum Laude (1.4 GWA)

Graduated July 2026

- **Coursework:** Data Structures and Algorithms, Software Engineering, Database Management, Operating Systems, Intelligent Systems, Object-Oriented Programming, Data Science

Work Experience

HighwayTMS

July 2026 – September 2026

Full-Stack Engineer

Remote

- Designed and built **highwaytms.com end-to-end as the sole developer**: a multi-tenant Transportation Management System and dispatch console for trucking companies
- Built **freight dispatch, fleet and driver management, and compliance tracking** with Next.js, TypeScript, and Supabase PostgreSQL secured by **Row Level Security**
- Implemented **company-isolated document storage and PDF generation**, shipped **role-based access, CSV export, and CI quality gates**, deploying to production on Vercel with Supabase Cloud

Local Company

February 2026 – June 2026

Web Developer

Philippines

- Designed and developed a **full-stack CMS interface in Next.js and Supabase**, integrating an **AI chatbot with automated appointment scheduling (n8n)** into a cohesive client-booking experience
- Shaped the booking UX end-to-end — **auth, permissions, and confirmation emails** — keeping the flow secure without adding friction for the client
- Integrated **Supabase Auth email verification and Row Level Security** with automated confirmation emails via the Resend API

Lujo PH

January 2026 – February 2026

UX/UI Designer

Remote

- Produced **user-centered UX/UI and interactive Figma prototypes** for an Inventory Management System, translating stakeholder requirements into intuitive workflows across a nationwide network

WiBiz.AI / Digital Benefits Pte Ltd

June 2025 – January 2026

Automation Specialist

Singapore (Remote)

- Designed and deployed **AI chatbots, knowledge bases, and CRM automation workflows** in GoHighLevel and Make for enterprise clients
- Designed website layouts in Figma and implemented them into production with **Elementor, custom code, and React frameworks**, partnering directly with the CEO on direction
- Integrated **Stripe payments and lead-funnel automation** for a CRM platform launch across seven countries

Personal Projects

Athenus | *Python, FastAPI, Qdrant, Sentence-Transformers, Ollama, Docker, RAG*

- Architected a **self-hosted AI pipeline** transforming learning materials into transcripts, semantic chunks, vector embeddings, and knowledge graphs, with per-stage progress telemetry
- Built a **context-aware AI agent** combining dense vector search (Qdrant), BM25 re-ranking, and knowledge-graph context to ground answers and generated quizzes in timestamped transcripts with per-message citations
- Designed a **provider-agnostic AI integration layer** across 6 AI providers, enabling fully local inference via Ollama alongside optional cloud services

SnipShot | *Deep Learning, OpenCV, PyTorch, FastAPI*

- Engineered an **end-to-end deep learning pipeline integrating 5 pre-trained models** for text detection, OCR, translation, inpainting, and rendering — **1.02% OCR Character Error Rate and 0.6139 BLEU-4**, validated with a custom benchmarking script
- Built a desktop application with **FastAPI backend for asynchronous inference**, ranked **2nd of 5 in a 30-user study** against GPT, Claude, Gemini, and Grok (3.24/5 average)

Nexus | *Next.js, TypeScript, Supabase, n8n, Docker*

- Engineered an **internship management SaaS platform** with event-driven automation in n8n and centralized workflow deployments
- Designed a **resilient notification pipeline** with API gateways, Dead-Letter Queue, and exponential backoff retries via Resend API, Slack, and Discord webhooks

DarwinKPI | *Angular, Supabase, Node.js, Express.js, PostgreSQL, REST API*

- Built a **KPI management platform with customizable dashboards and analytics** for monitoring employee and team performance
- Implemented responsive interfaces with **Supabase services, role-based tracking, and Chart.js visualization** via REST API integrations

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS

AI/ML & LLM: PyTorch, TensorFlow, Keras, Transformers, LangChain, LangGraph, RAG, Prompt Engineering, Embeddings, Model Inference

AI Infrastructure: Qdrant, Ollama, Knowledge Graphs, Semantic Search

Computer Vision / NLP: OpenCV, OCR, Image Inpainting, NumPy

Frameworks & APIs: Next.js, React, Node.js, Express.js, FastAPI, REST APIs

Databases: PostgreSQL, MySQL, SQLite, Qdrant, Supabase

Tools & Platforms: Git, GitHub, Docker, n8n, Vercel, Supabase, Figma

Design: UX/UI Design, Wireframing & Prototyping, Design Systems, Graphic Design