

RAMI AFIF

AI AUTOMATION & FULL-STACK PYTHON ENGINEER

Zamboanga City, Philippines | +63 932 512 9707 | rami.afif88@gmail.com | LinkedIn | GitHub | Portfolio

Certified Associate AI Engineer building API-driven automation, AI assistants, RAG systems, and production-style SaaS with Python, FastAPI, PostgreSQL, Redis, Next.js, Docker, AWS, and Vercel. Shipped 8 AI applications, including a privacy-focused local practice and meeting assistant and a multi-tenant storefront/POS platform. Strong in integrations, authentication, async workflows, testing, and technical documentation.

8 AI apps shipped | Python + FastAPI | API integrations | RAG + local LLMs | AWS / Docker / Vercel

CORE TECHNICAL SKILLS

AI / AUTOMATION: OpenAI, Claude, Ollama, LangChain, RAG, vector search, FAISS, ChromaDB, Sentence Transformers, Hugging Face, OCR, multi-agent orchestration

BACKEND / INTEGRATIONS: Python, FastAPI, Flask, REST APIs, async APIs, PostgreSQL, Redis, SQLAlchemy, Alembic, JWT, RBAC, row-level security

FRONTEND / CLOUD: TypeScript, React, Next.js, TanStack Query, Streamlit, Docker, GitHub Actions, AWS ECS/RDS/S3/CloudFront/WAF, Vercel

ENGINEERING: Architecture planning, AI-assisted SDLC, code review, test/lint gates, migrations, CI/CD, Git, SQL, documentation, VS Code

SELECTED PROJECTS

Local AI Practice & Meeting Assistant | *Privacy-focused Python + Ollama desktop application*

- Built a local-first desktop application for simulated communication practice and meeting-session review, with voice transcription, structured feedback, reusable profiles, session archives, and memory controls.
- Implemented local model routing and benchmarking with Ollama/Qwen, supported by unit tests, smoke tests, CI checks, and incremental Git-based delivery.

Multi-Tenant AI Storefront + POS SaaS | *FastAPI, PostgreSQL, Redis, Next.js, AWS*

- Built an end-to-end tenant-safe SaaS platform with storefront, POS checkout, inventory, variants, receipts, customers, shipping, fulfillment, bilingual English/Arabic UI, and analytics.
- Designed authentication and authorization with JWT/RBAC and PostgreSQL row-level security; delivered SQLAlchemy/Alembic migrations, cursor pagination, audit events, and role-gated APIs.
- Prepared cloud deployment using Docker, GitHub Actions, AWS ECS Fargate, RDS, S3, CloudFront, WAF, and Vercel.

APE (AI Productivity Engine) | *Full-stack AI automation platform*

- Developed conversational AI, web research, code generation/review, OCR extraction, async batch processing, real-time task tracking, RAG pipelines, vector search, and multi-agent orchestration.

PROFESSIONAL EXPERIENCE

Independent AI Automation / Full-Stack Developer - Self-Employed | Oct 2025 - Present

- Design, build, test, and deploy AI and SaaS applications across backend, frontend, databases, cloud infrastructure, documentation, and QA.
- Translate business requirements into small implementation phases, database migrations, API contracts, automated tests, and release-ready changes.
- Built 8 AI applications spanning RAG, OCR, local LLMs, research agents, resume matching, vector search, async processing, dashboards, and cloud deployment.

Visual Basic Developer - Saranay Recruitment | 2010 - 2012

- Built an internal recruitment system using Visual Basic and SQL Server with database-backed workflows and reporting.

Construction Assistant - Holyland Construction | 2012 - 2024

- Supported purchasing, documentation, project coordination, and site deadlines; strengthened practical operations and delivery under pressure.

CERTIFICATIONS & EDUCATION

- Associate AI Engineer for Developers - DataCamp, Nov 2025 (OpenAI, Hugging Face, Pinecone, LLMOps, RAG)
- Python Programmer - DataCamp, 2020 | Data Analyst - Refocus, 2023 | Introduction to Software Engineering - Coursera, 2023
- B.S. Computer Engineering - Universidad de Zamboanga, 2009

Available for remote AI Automation, Python, AI Developer, and Full-Stack AI roles