



PAUL RAYMOND TIVE

AI SYSTEMS ENGINEER | AI PLATFORM ARCHITECT | SOFTWARE ENGINEER

CONTACT

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SKILLS

- AI Systems Architecture & Multi-Agent Orchestration
- LLM Infrastructure & RAG Pipelines
- Python Backend Development
- API & Service Integration
- Vector Databases & Semantic Retrieval
- Automation & AI Workflow Engineering
- Governance, Logging & Explainability
- Structured Data Processing
- Cloud Systems (AWS exposure)
- Production Deployment & System Scalability

PROFESSIONAL SUMMARY

AI Systems Architect and Engineer with extensive experience designing and deploying production-grade LLM infrastructure, multi-agent orchestration systems, and scalable AI platforms. Strong background in Python backend engineering, structured AI workflows, vector-based retrieval systems, and governed AI execution.

Experienced in translating complex requirements into stable, production-ready systems with emphasis on scalability, reliability, observability, and long-term maintainability.

WORK EXPERIENCE

AI Systems Engineer / Platform Architect | Syncrowtech 2024 – PRESENT

AI Architect / AI Systems Engineer

- Designed and implemented AI platform architectures combining traditional backend systems with AI components.
- Built AI-driven workflows involving LLMs, automation, data processing, and structured storage.
- Integrated APIs, authentication layers, and access controls for secure AI system execution.
- Designed governed AI systems with logging, validation, fallback mechanisms, and explainability.
- Produced clear technical documentation to support maintainability and long-term scaling.

Self-Employed | AI & Software Consulting 2023 – 2024

AI Engineer / Platform Engineer

- Developed AI assistants and backend services using Python and modern AI APIs.
- Implemented semantic retrieval workflows using vector storage concepts for intelligent search and context handling.
- Built automation pipelines for document processing, data transformation, and structured outputs.
- Supported multiple client-style projects with varying requirements and delivery timelines.

Self-Employed | Software Development Consulting

2022 – 2023

Software Engineer

- Developed backend systems, APIs, and automation services.
- Worked on system integrations, file processing, and data workflows.
- Emphasized clean architecture, maintainable code, and reliability.

Self-Employed | Systems & Automation Consulting 2018 – 2022

- Built backend services and automation tools to improve operational workflows.
- Assisted in system analysis, troubleshooting, and performance improvements.
- Maintained technical documentation and supported system evolution over time.

Full-Time | OKSA Philippines

2015 – 2018

- Provided programming and technical support for small systems and applications.
- Assisted with debugging, testing, and documentation.
- Built a strong foundation in programming, system thinking, and problem-solving.

EDUCATION

Completed a Bachelor of Science in Computer Engineering, University of Saint La Salle

2005–2012

Completed a Bachelor of Science in Computer Engineering with a focus on programming, systems design, and computing fundamentals. Built a strong foundation in software development, system architecture, and problem-solving.