

FRANCIS ADRIAN ALTESING

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PROFESSIONAL SUMMARY

Performance-driven Full Stack Developer with hands-on experience designing, building, and optimizing scalable web platforms and AI-integrated microservices. Demonstrated expertise in developing asynchronous backend architectures, engineering secure RESTful APIs, and implementing language model endpoints to automate complex data workflows. Proficient in Python (FastAPI), PHP (Laravel), and TypeScript/JavaScript (React.js, Next.js, Vue.js), with a strong foundation in database query tuning, high-availability distributed systems, and clean UI engineering.

SKILLS

- Programming Languages: JavaScript, TypeScript, SQL, PHP, Python, Java, C++, and C
- Frameworks & Libraries for Web Development: ReactJS, Vite, NextJS, Express.js, Laravel, FastAPI, Django, and Angular
- Databases: PostgreSQL, MySQL, MongoDB, and MariaDB
- Tools & Technologies: Git, Claude, Codex, GitHub, RESTful APIs, Supabase, Postman, Docker, Redis, and Wordpress
- AI & Machine Learning: vLLM, Ollama, LangChain/LlamaIndex, RAG Architectures, OpenAI API, Prompt Engineering, n8n

WORK EXPERIENCE

Full Stack Developer

EBOS - CLOUD ACCOUNTANTS PTE LTD, Davao City

September 2025 – October 2026

- Engineered and scaled enterprise web applications using Laravel, Vue.js, and React.js, collaborating across cross-functional engineering teams to deliver responsive, maintainable features.
- Built high-performance backend microservices using Python and FastAPI, implementing asynchronous task workers to streamline end-to-end data processing pipelines.
- Designed and deployed secure, production-ready RESTful APIs to integrate machine learning and LLM capabilities into internal platform services.
- Optimized system performance through caching layers, background queue workers, and database query indexing, significantly reducing API latency and improving throughput.
- Collaborated in agile ceremonies, sprint planning, and rigorous peer code reviews to maintain clean architecture, test coverage, and code quality standards.

Full Stack Developer Intern

Navigatu - Tech Business Incubator, Caraga State University Main

January 2025 – April 2025

- Developed a Web-Based Profiling System: Built a Laravel-powered system to manage startup incubatees, manage mentors details, and facilitate seamless appointment scheduling between mentors and incubatees.
- Integrated Mentor-Startup Matching: Designed and implemented an appointment booking feature, allowing incubatees to schedule meetings with mentors for guidance on their startup development.
- LMS System Development: Contributed to the creation of a Learning Management System (LMS) using Laravel (backend) and React.js with TypeScript (frontend) to deliver structured startup education modules for incubatees.

PROJECTS

NestSeeker: A Web-based Application

Full Stack Development

September 2024 - April 2025

Developed a comprehensive web-based application for apartment searching, integrating a recommendation system to match users with rental properties based on preferences.

- Used Vite React, TypeScript, Tailwind CSS with ShadCN for a responsive and dynamic user interface.
- Built with Node.js and a Supabase database for efficient data handling and storage.
- Implemented a recommendation system using Fuzzy Best-Worst Method and TOPSIS to match users with apartments based on input preferences.

OnTheJob Tracker: OJT Performance Tracker

Full Stack Development

October 2024 - December 2024

Developed a web-based application to streamline the tracking and evaluation of students' On-the-Job Training (OJT) performance for educational institutions.

- Built a web-based OJT CRM for schools to streamline student tracking, evaluation, and record management.
- Developed a fast, responsive UI using Vite React, Tailwind CSS, and ShadCN, integrated with Supabase for secure auth, data storage, and real-time updates.
- Designed the system with scalable architecture to support multi-user access and efficient workflow management.

EDUCATION

Bachelor of Science in Information Technology

Caraga State University – Main, Ampayon, Butuan City

August 2021 - June 2025

- Relevant coursework: Database Management Systems, Algorithms and Data Structures, Software Engineering, Full-Stack Development, Cybersecurity Fundamentals.
- Graduated with Honors (Cum Laude)