

JOSHUA KLYNE P. PUDADERA

AI Integration & Dashboard Specialist (Claude AI · LLM APIs · Operational Dashboards)

Banga, South Cotabato, Philippines | 0939-705-8119 | klynejoshua13@gmail.com | LinkedIn | Github

SUMMARY

Computer Science graduate and full-stack developer building AI-integrated systems: REST API backends in Python/FastAPI/PostgreSQL (JWT authentication, Docker) for AI-powered applications, and live operational dashboards including real-time sales reporting for an operating restaurant. Data-modeling, SQL, and data-accuracy discipline backed by a records-audit background at a TESDA-accredited training center. Ships documented, tested systems independently and on project-deadline timelines.

SKILLS

AI & LLM Integration: Claude (Claude Code), LLM function-calling/tool-use output design, Pydantic structured-output validation, AI-assisted development workflows

Backend & APIs: Python, FastAPI, REST API design and integration, JSON, JWT authentication, Docker

Data: SQL, PostgreSQL, Supabase, MySQL, data modeling, Row-Level Security, data integrity and audit checks

Dashboards & Frontend: JavaScript, TypeScript, React, Next.js, Tailwind CSS, real-time operational dashboards

Documentation & Tools: n8n (self-hosted), Git/GitHub, debugging/QA, system and architecture documentation

EXPERIENCE

Backend AI Engineering Intern, FlyRank AI (Project-Based, Remote) **Jul 2026 – Present**

- Develop REST API backend services in Python, FastAPI, and PostgreSQL — including JWT-authenticated endpoints with database-enforced authorization — for AI-powered applications, containerized with Docker.
- Use Git and GitHub for version control, collaboration, and implementation tracking across project milestones.

Data Entry / Records Specialist, Nenita Farm Rice-Based Farm Training Center **Nov 2021 – Present**

- Maintain trainee, program, and scholarship records under TESDA compliance requirements — reviewing data for accuracy, tracing discrepancies to their source, and keeping records audit-ready.
- Coordinate with external offices to resolve data inconsistencies, handling confidential information with documented safeguards.
- Prepared and consolidated JDVP enrollment reports for participating schools using dashboard-style visualizations to monitor key operational metrics, including total enrollment, learner demographics, barangay-level distribution, client classifications, and training status. ([Dashboard link](#))
- Organized enrollment data into charts, summary tables, and geographic breakdowns to improve visibility into program participation and support administrative monitoring and decision-making.
- Reviewed enrollment summaries and reported figures to support documentation, reporting, and oversight of training program operations.

Mobile Application Developer & UI/UX Designer Lead, LeadSolutions Inc. (Internship) **Jun – Jul 2024**

- Developed a cross-platform Financial Ledger application (Flutter/Dart, PHP/MySQL) with modules for tracking and approving receivable, payable, debit, and credit accounts.
- Diagnosed a database collation and version-compatibility issue by tracing inconsistent results across affected tables using SQL queries; integrated Azure Database for PostgreSQL into the existing LAMP-stack environment.

PROJECTS

Nenita Farm Lechon Haus — Restaurant POS with Real-Time Dashboard (React 19, TypeScript, Supabase, Tailwind) [Project Link](#)

- Solo-built and owned end to end: order taking, staff rostering, catering bookings, and financial reporting for a real operating restaurant.
- Role-based access via Supabase RLS, real-time sales dashboard, and automated PDF reporting — secure data connections feeding key operational metrics.

TVI-CAMS — Compliance & Audit Management System (Next.js, TypeScript, Supabase/PostgreSQL, Clerk) [Project Link](#)

- Full-stack build of a multi-tenant records platform (attendance, compliance documentation, digital audit evidence) with JWT authentication enforced through Postgres Row-Level Security.
- Documented architecture decisions and system design for maintainability and future development.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science (GPA 1.67)

2021 – 2025

Notre Dame of Marbel University

PUBLICATIONS

Pudadera et al. (2026). *Improving Prediction of Dengue Outbreaks Using Attention-based LSTM Model with Honey Badger Optimization for Hyperparameter Tuning.* International Journal of Latest Technology in Engineering, Management & Applied Science, 15 (6), 2621–2632. [DOI]