

LANS CLARENCE S. VILLENA

BACKEND DEVELOPER

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PROFESSIONAL SUMMARY

Computer Science fourth-year student specializing in backend development using Node.js and Laravel, with experience building secure, scalable web applications featuring REST APIs, multi-role authentication, recommendation systems, and PostgreSQL/Redis data layers. Seeking a backend development internship.

EDUCATION

Bachelor of Science in Computer Science | University of Makati | 2022 – Current

PROJECTS

WorkAble – A Job Recommender System for PWD Users | Laravel, PHP, PostgreSQL | 2025

- Developed a backend-driven job-matching platform with a multi-role user system to support accessible and verified recruitment workflows using Laravel MVC.
- Implemented RESTful APIs and middleware-based authentication and authorization, powering job postings, applications, profiles, and notifications with PostgreSQL and Redis caching.

BaybayInscribe - AI-powered Baybayin learning platform | Next.js (React), TypeScript,

PostgreSQL/Drizzle, Better Auth, JWT, OAuth (Google/Facebook) | 2024

- Built a secure auth layer with email/OAuth login and password resets to streamline user onboarding and retention (Better Auth, JWT, Nodemailer)
- Implemented user profile management and role-based admin controls that gate content and admin workflows, improving safety and governance for the learning platform (PostgreSQL/Drizzle, Next.js API routes).

SKILLS

Core Skills: Authentication & Authorization, API Design, Role-Based Access Control

Programming Languages: PHP, JavaScript, TypeScript, SQL

Frameworks/Libraries: Laravel, Livewire, Socialite, Next.js, Drizzle ORM, Better Auth

Databases: PostgreSQL

Soft Skills: Detail-oriented, fast learner, Adaptable to new technologies, Strong analytical skills

CERTIFICATIONS

Information Technology Specialist – Databases | Certiport (Pearson VUE) | December 2025

Dean's Lister | University of Makati | 2022 – Present

With Honors | Benigno "Ninoy" Aquino Highschool | 2020 - 2022