

## Ezekiel B. Cruz

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### Education

#### La Consolacion University Philippines

Bachelor of Science in Information Technology.

GWA: 1.22 (Dean's Lister: 1<sup>st</sup> year – Present)

Thesis DaBreeder: A Dog Breeding and Traits Matching Platform

Relevant Coursework: Web System and Technologies

City of Malolos, Bulacan

Expected June 2026

### Technical Projects

#### DaBreeder

September 2025 – December 2025

#### Full-Stack Web Developer

[dabreeder.vercel.app](https://dabreeder.vercel.app)

- Developed a dog-breeding and trait-matching platform using React and Supabase, providing a centralized space for dog owners and breeders.
- Implemented user authentication and role-based access control using Supabase Auth
- Built a community forum module enabling topic creation, discussion threads, and user engagement.
- Integrated a real-time chat system supporting direct messaging between dog owners and breeders.
- Created a custom trait-matching algorithm with veterinarian-assisted validation to ensure ethical and data-driven breeding recommendations.
- Deployed the platform on Vercel to achieve fast performance, continuous integration, and smooth production updates.

#### Personal Portfolio Website

September 2025

[ezekiel-cruz.vercel.app](https://ezekiel-cruz.vercel.app)

- Developed a personal portfolio using React, Vite, Tailwind CSS, and DaisyUI, optimizing for fast load times and responsive design.
- Implemented UI components with Tailwind CSS and DaisyUI for design consistency and enhanced user experience.
- Deployed the website on Vercel for reliable hosting and continuous integration.
- Integrated API-based contact form with hCaptcha verification to ensure secure user submissions.

#### Recipe Blog Website

April 2025

- Developed a dynamic recipe blog using HTML, CSS, JavaScript for the front-end and PHP with SQL for the back-end, supporting content creation and data retrieval.
- Implemented full CRUD operations for recipe posts, categories, and user-generated content.
- Designed a responsive front-end interface for improved readability, interactivity, and user experience.

### Certification

#### Microsoft Office Specialist: Access Expert (Database Management)

January 2025

Microsoft

- Certified expert in database design, complex queries, and data integrity.

### Skills & Interests

**Programming Languages:** HTML, CSS, JavaScript, TypeScript, PHP, Java

**Frameworks:** Tailwind CSS, React.js

**Database and Backend:** Supabase, PostgreSQL, MySQL

**Tools:** Git, GitHub, Vercel, VS Code, WindSurf, Claude AI, n8n

**Interests:** Web Development, AI-assisted Development, Automation workflows