CLAIRE JEM DEDICATORIA

Full-Stack Developer | Computer Engineering Student | CS Professional Eligible

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TECHNICAL SKILLS

- **Frontend:** React Native, Vue.js, HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Express, Supabase, Python
- **Database:** PostgreSQL, Prisma ORM, SQL
- **Tools & DevOps:** Git, GitHub, REST APIs, JWT Authentication, WebSocket
- **Embedded / IoT:** ESP32, Arduino, C/C++, LVGL
- **AI Integration:** AI-powered recommendations, automated SEO generation, AI customer support chatbot
- **Core Competencies:** System Architecture, API Design, Full-Stack Development, Scalability Planning

PROFESSIONAL EXPERIENCE

OJT — Embedded Systems Developer — Infinity Hub Corporation (GAC) *Jul 1 – Aug 11, 2026*

- Building firmware for a two-board biometric terminal that **captures fingerprint attendance and syncs it directly into the company's payroll system**, eliminating manual attendance entry.
- Closed the gap between hardware and backend with a device-to-server sync integration, giving the payroll platform **real-time attendance data** instead of manual uploads.
- Translated business requirements from a senior engineer into a **working device registration and enrollment flow** ready for real-world deployment.

PROJECTS & DEVELOPMENT EXPERIENCE

Full-Stack Developer — Hotel Reservations & Management System — NEMSU *May 2025 – Dec 2025*

NEMSU Cantilan Campus | Full-stack school project

- Designed reservation logic around **real front-desk behavior, not idealized bookings** — walk-ins, last-minute changes, and conflicting entries that trip up systems built for a tidier world.
- Built a double-booking prevention engine that **holds up even when staff make conflicting entries** under normal front-desk pressure.
- Developed a responsive, device-adaptive interface fitted to how front-desk staff actually work — juggling tasks across shared desktop and tablet devices.
- Implemented real-time data sync so every terminal reflects the same up-to-date reservation state.

Full-Stack Developer — Knot and Bloom — Multi-Vendor Artisan Marketplace *Dec 2025 – Present*

Madrid, Surigao del Sur | In active development — pre-launch startup

- Built a multi-vendor marketplace giving students, single parents, and small home-based makers a real alternative to selling handmade goods through unmanaged social media DMs and comment threads — the common workaround for sellers who find big PH marketplaces too restrictive to join.
- Built a guided listing flow with **AI-assisted suggestions**, so sellers can list a new product in minutes instead of figuring out sizes, colors, and bouquet options on their own.
- Built a mobile app paired with a web dashboard, so sellers get instant order alerts and can run their shop entirely from their phone — **no computer required.**

Full-Stack Developer — Cafe POS — Point of Sale System *2025 – Present*

cafe-pos-demo.vercel.app | Pre-launch

- Built an **offline-first** POS as a lower-cost, no-subscription alternative to commercial systems that don't fit small independent cafes' budgets or spotty internet.
- Built a **column-mapping import wizard** so cafe owners can migrate their existing product lists in directly, instead of re-entering every item by hand.
- Integrated the payment methods small PH businesses actually use day to day — **Cash, GCash, Maya, Maribank** — instead of a card-only setup that doesn't match how these cafes get paid.

CERTIFICATIONS & ELIGIBILITY

Civil Service Professional Eligibility — Civil Service Commission, Philippines *2026*

- Passed the CSE-PPT Professional Level — a nationally administered qualifying exam for permanent government service appointments.

KodeGo Full-Stack Web Development Bootcamp — Certificate of Completion *May 2023 – Aug 2023*

EDUCATION

BS Computer Engineering — North Eastern Mindanao State University, Cantilan Campus *Aug 2023 – June 2027*

Currently in 4th Year