

Carl Gemuel Taberna

Full Stack Web Developer · BS Information Technology Student

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🌐 **Portfolio:** carltaberna.vercel.app

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SUMMARY

Third-year BSIT student and full stack developer with five deployed web apps built on Next.js, React, TypeScript, Node.js and PostgreSQL, covering authentication, database security and realtime features. Brings three years of customer-facing work for international clients, including internet, router and mobile troubleshooting. Seeking a web development internship, on-site in Iloilo or remote.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, SQL, Python, PHP
- **Frontend:** React, Next.js, Tailwind CSS, responsive and mobile-first layouts
- **Backend:** Node.js, Express, REST APIs, Socket.IO, JWT and cookie-based authentication
- **Databases:** PostgreSQL (row-level security, triggers, migrations), MongoDB, Firestore, SQLite
- **Platforms and tools:** Supabase, Firebase, Git, GitHub, Vercel, Render, Figma, Tableau
- **Networking:** IPv4/IPv6 addressing, Ethernet and switching, routing, DNS and DHCP, wireless setup, network troubleshooting

PROJECTS

Teech — Consultation Booking System · Head Web Developer, team project · Sep 2026 – Present · Live · Code

Next.js, TypeScript, Supabase, PostgreSQL, Gemini API

- Lead development of a student–faculty booking app with live notifications, a points and badges system, and full mobile and desktop layouts.
- Prevented double bookings with a unique partial index and enforced booking rules through Postgres triggers and row-level security, across 31 versioned migrations.

KonektBarangay — Barangay E-Services Platform · Project Manager and Web Developer · Mar 2026 · Live · Code

Next.js, TypeScript, Supabase, PostgreSQL

- Led planning and delivery of an app for document requests, appointment scheduling and blotter reports, with a resident dashboard and a realtime admin queue.
- Found and closed two privilege flaws (self-assigned admin roles, self-approved requests) with database triggers, and protected resident ID photos with private storage and short-lived signed links.

DooGo — Blood Donation Platform · Web Developer · 2026 · Live · Code

Next.js, TypeScript, Firebase Auth, Firestore

- Built donor matching that applies ABO and Rh compatibility, donation waiting periods and per-bag tracking, with a live city dashboard of donors and open requests.
- Secured every database write through Firestore security rules, with no custom server code.

Lore — Coffee Shop Ordering and POS · Web Developer · 2026, in progress · Code

React, TypeScript, Express, Socket.IO, SQLite

- Building online ordering, a cashier register, a live kitchen display and daily sales reports for a local coffee shop, backed by an Express REST API that recalculates every price, discount and fee on the server.

Awesome ToDo's — Student Planner · Web Developer · 2026 · Live · Code

React, Node.js, Express, MongoDB, JWT

- Built and deployed a planner with a REST API, cookie-based JWT sessions, a grade tracker and an AI study assistant with model fallback.

WORK EXPERIENCE

Network & Broadband Technical Associate · iQor (Bell Canada account), Iloilo City · Jun – Aug 2026

Diagnosed internet, router and satellite TV connection and signal problems, and configured customer equipment while guiding callers through each fix.

Telecommunication Associate · Transcom (Xfinity account), Iloilo City · Apr – May 2026

Troubleshoot Xfinity Mobile devices, activations and phone plans for US customers.

Operations Associate · Sagility (healthcare account), Iloilo City · Nov 2024 – Feb 2025

Managed digital appointment systems and patient scheduling records for accurate, timely healthcare service.

Operations Associate · WNS (travel account), Iloilo City · Nov 2023 – Jul 2024

Handled reservations, itinerary changes and refunds, resolving booking and payment issues in real time.

EDUCATION

BS Information Technology

Western Institute of Technology, Iloilo City

2024 – Present

Expected graduation: Mar 2028

CERTIFICATIONS

- **Legacy Full-Stack Certification** · freeCodeCamp · 2026 · Verify
- **Certified Full-Stack Developer** · freeCodeCamp · 6 of 6 certifications done, final exam pending
- **Network Technician Career Path** · Cisco Networking Academy · 2026 · Verify
- **Google Data Analytics Professional Certificate** · Coursera · 2026 · Verify