Roxy Villalino Merced *Full-Stack Developer*

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PROFESSIONAL SUMMARY

Recent BS Information Technology Graduate (2025) with a strong focus on high-performance, full-stack application development. Proven ability to build scalable systems using the **NodeJs/BunJs** server and **Vue.js** front-end. Expertise in **TypeScript**, real-time architectures (WebSocket/JWT), and responsive UI implementation with **Tailwind CSS**. Eager to transition comprehensive project experience into an entry-level role.

EXPERIENCE

Frontend Web Developer Intern   2024

- Assisted the development team in implementing new front-end features and optimizing the existing codebase based on supervisor requirements.
- Executed the implementation of responsive design for critical application modules, utilizing the **Tailwind CSS** framework to meet modern UI/UX standards.

EDUCATION

Bachelor of Science in Information Technology   2025

Cavite State University, Trece Martires City Campus

Expected Graduation: 2025

- Core coursework included Database Management, and Advanced Web Development.

TECHNICAL SKILLS

Languages
TypeScript, JavaScript, HTML, CSS, SQL

Frameworks/Libraries
Vue.js, Node.Js, Bun.Js, Hono.Js, TailwindCSS

Databases & ORM
PostgreSQL, Supabase, SQLite, Drizzle ORM

Tools & Platforms
VS Code, Neovim (LazyVim), Git, GitHub, Docker

PROJECTS

Vitapulse (Blood Pressure & Pulse Rate Monitoring System)

Stack: Vue.Js, TailwindCSS, Bun.Js, Hono.Js, Supabase, Drizzle ORM, Docker GitHubRepository

- Secured user accounts by implementing full **JWT authentication** via **Hono.js** and **cookie management**, utilizing Bun's password helper to hash and encrypt credentials.
- Engineered a real-time administrative dashboard using dedicated **WebSocket** technology to deliver immediate, live updates for blood pressure and pulse rate monitoring data.
- Developed a mobile-first, responsive interface using **Tailwind CSS**, ensuring seamless display and optimized usability across all major device viewports.