

Owel Tolentino Valle

valleowel123@gmail.com | 09266106605 | LinkedIn: Owel Valle | Portfolio: <https://owelvalle.vercel.app/>

SUMMARY

Bachelor of Science in Information Technology graduate with hands-on experience in web development, technical support, and IoT-based projects. Experienced in troubleshooting hardware and software issues, supporting network systems, and building responsive web applications. Motivated to apply technical skills in real-world environments while continuously learning and improving system efficiency and user experience.

EXPERIENCE

FAITH Management Information System

January 2025 – May 2025

Front-end Engineer, Intern

- Developed web pages and features using React.js and Tailwind CSS.
- Assisted in creating responsive and clean user interface components.
- Worked closely with the team to improve usability and ensure consistent design across devices.

First Asia Institute of Technologies and Humanities

August 2023 – May 2025

Assistant Technician, Part-time

- Provided daily technical support to students and faculty, resolving hardware, software, and connectivity issues.
- Assisted in setting up, maintaining, and monitoring school computer systems and internet infrastructure.
- Helped train peers on basic computer use, system navigation, and common network problems.

Mighty Victor Builders Development Corp

November 2023 – December 2023

Full-Stack Developer, Freelance

- Developed a complete online presence for construction companies using React, Bootstrap, and practical UX design, helping elevate their image from small local contractors to established professional developers.
- Created a portfolio system focused on lead conversion, featuring interactive project showcases and client testimonials to clearly highlight experience and credibility to higher-end clients.
- Applied an SEO-focused content approach that improved online visibility and strengthened competitiveness, allowing the company to attract and compete for larger, higher-value projects.

PROJECTS

Coffee Shop E-commerce Platform

Front-end Developer

- Developed a full-stack e-commerce ordering system for a coffee shop using React.js for the front end and Node.js with Express.js and MongoDB for the back end. The system included user authentication, product and order management, and database handling to support a smooth and secure ordering process. The project focused on usability, data accuracy, and efficient order flow from customer selection to order confirmation.

Heat Index Real-Time Detector

DevOps Engineer, Capstone

- Designed and built a real-time heat index monitoring device using Arduino modules and temperature and humidity sensors. The system continuously measured environmental conditions and calculated heat index values, triggering visual or alert indicators when readings reached unsafe levels. This project emphasized sensor integration, real-time data processing, and safety-focused alert logic.

CK Digital, Web Solution & Services | <https://ckdigitals.com/>

Full-Stack Developer

- Developed a scalable multi-client platform using Next.js deployed on Vercel and supported by an advanced Laravel Filament administration system, significantly streamlining development and deployment workflows and reducing overall project delivery time by approximately 50%. The platform was optimized for performance, reliability, and search visibility, resulting in consistent performance improvements of around 30% across client projects through faster load times, effective SEO implementation, and stable system architecture. In addition, an efficient project management structure was established to support the simultaneous handling of multiple high-value client accounts while maintaining consistent quality and delivery standards.

Luzon Toll Gate Calculator | <https://luzon-toll.netlify.app>

Full-Stack Developer

- **Engineered a comprehensive toll fee calculation engine** for Luzon expressways, solving the regional lack of public transit APIs by architecting a custom, highly structured TypeScript data schema.
- **Optimized user decision-making** by implementing a performant, type-safe filtering system that provides real-time fee calculations across multiple vehicle classes and entry/exit points.
- **Developed a mobile-first, responsive interface** using Next.js and Tailwind CSS, ensuring seamless utility for drivers on the road while maintaining high Lighthouse performance scores.

EDUCATION

First Asia Institute of Technology and Humanities (FAITH)

Tanauan City, Batangas

B.S. in Information Technology

June 2025

- **Concentrations:** Full-Stack Development, Web Application Architecture, Networking, & AI Integration
- **GWA:** 2.20

COMPETITIONS

Student Research Competition

Participant

- *I designed and built a real-time monitoring system using Arduino and environmental sensors to continuously calculate heat index values from ambient temperature and humidity. My work focused on integrating sensor data with safety-oriented alert logic to trigger immediate visual or system notifications when conditions reached hazardous levels.*

SKILLS

Programming: Next.js, React.js, Python, HTML/CSS, JavaScript, MySQL, Java, Typescript, PHP Laravel, Vue.js, PostgreSQL, Node.js

Tools: VS Code, Vercel, Netlify, Git, GitHub, ChatGPT, Claude, Gemini, Calendly API, Canva, Figma, Cal API, Supabase, Cursor, WordPress, BigCommerce, Firebase, AntigraVity