Charles Deiniel Villanueva

Front-End Developer (React • TypeScript • Tailwind)
charlesdeiniel.villanueva@gmail.com | +63 993 512 0422 | Angeles City, Pampanga | [Portfolio](#) | [GitHub](#)

PROJECT EXPERIENCE

[Audiophile E-commerce Platform](#) | [Live Site](#) | [GitHub](#)
Front-End Developer | React, TypeScript, Tailwind, React Router, Vitest, RTL, Vite

- Built a multi-page e-commerce UI (catalog → product details → cart → checkout) with cart persistence via localStorage and predictable global state handling.
- Implemented automated tests (Vitest + React Testing Library) covering core flows to prevent regressions and enable safe refactoring.
- Delivered responsive, accessible UI with optimized image loading and art direction using the HTML picture element for mobile/tablet/desktop.

[Kanban Task Management App](#) | [Live Site](#) | [GitHub](#)
Front-End Developer | React, TypeScript, Tailwind, @dnd-kit, Vitest, RTL, Vite

- Built an accessible Kanban app with board/column/task/subtask CRUD, local persistence, and keyboard-friendly drag-and-drop interactions.
- Designed normalized Context-based state and clear mutators for predictable updates across boards and tasks.
- Wrote provider-level tests (Vitest + React Testing Library) to validate business logic without brittle UI-only testing.

SKILLS

React (Hooks, Router) • TypeScript • JavaScript (ES6+) • Tailwind CSS • HTML5 • CSS3 (Flexbox, Grid)
Testing: Vitest, React Testing Library • State: Context API • Tooling: Vite • Version Control: Git/GitHub
Deployment: Netlify • Dev Tools: Chrome DevTools, VS Code

WORK EXPERIENCE

Chevalier School, Inc.   Feb. 2025 – Jun. 2025
IT Staff Intern   *Angeles City, Pampanga*

- Resolved technical issues for 1,200+ students and staff, ensuring continuity of school digital operations.
- Communicated technical issues and solutions clearly to non-technical users, improving support outcomes.
- Performed system/network troubleshooting in a Windows-based environment; documented procedures and tracked technical assets.

EDUCATION

Pampanga State University (formerly Don Honorio Ventura State University)   Aug. 2025
Bachelor of Science in Information Technology   *Bacolor, Pampanga*
Magna Cum Laude (GWA: 1.44)

CERTIFICATIONS

- Scrimba — Frontend Developer Career Path (Certificate of Completion) [Certificate]