

Charles Deiniel Villanueva

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EDUCATION

Pampanga State University (Don Honorio Ventura State University)

Aug. 2025

Bachelor of Science in Information Technology

Bacolor, Pampanga

Magna Cum Laude (GWA: 1.44)

WORK EXPERIENCE

Chevalier School, Inc.

Feb. 2025 – Jun. 2025

IT Staff Intern

Angeles City, Pampanga

- Resolved diverse technical issues for 1,200+ students/staff, ensuring continuous operation of digital assets.
- Communicated complex technical information clearly to non-technical staff and students, enhancing overall technological efficiency.
- Managed network efficiency and performed system troubleshooting within a Windows-networked environment.
- Documented procedures and managed technical assets, demonstrating strong attention to detail and organizational skills.

PROJECT EXPERIENCE

[Audiophile E-commerce Platform](#) | [GitHub](#)

Front-End Developer

- Engineered component-driven architecture with global state management to handle complex cart logic and persistence.
- Ensured application reliability by implementing comprehensive integration tests using Vitest and React Testing Library.
- Developed a fully responsive UI with optimized image loading and accessibility (A11y) best practices.
 - **Stack:** React, TypeScript, Tailwind CSS, React Router, Vitest, React Testing Library, Vite.

[Kanban Task Management App](#) | [GitHub](#)

Front-End Developer

- Developed a fully accessible task management app featuring keyboard-friendly drag-and-drop interactions.
- Architected a normalized state system using React Context to ensure predictable data flow for board and task management.
- Ensured core business logic with comprehensive provider-level unit tests using Vitest and React Testing Library.
 - **Stack:** React, TypeScript, Tailwind CSS, Vitest, React Testing Library, Vite, dndkit.

CERTIFICATIONS, SKILLS & INTERESTS

- **Technical Skills:** HTML5; CSS3 (Flexbox, Grid, Tailwind CSS); JavaScript (ES6+); TypeScript; React (Hooks, Router); State Management (Context API); Unit & Integration Testing (Jest, Vitest, React Testing Library); Version Control (Git/GitHub); CI/CD (Netlify); Development Tools (VS Code, Vite, Chrome DevTools)
- **Certifications:** Scrimba — Frontend Developer Career Path (Certificate of Completion) [\[Certificate\]](#)
- **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Web Development
- **Soft skills:** Problem-solving & Debugging; Communication & Teamwork; Adaptability
- **Interests:** Immersive Video Games; Virtual Reality; Global Cuisine; Manga; Graphic Novels