

Joren P. Verdad

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Education

Caraga State University

Butuan, PH

Bachelor of Science in Information Technology.

August 2021 - June 2026

Relevant Coursework: Web Development, Mobile Application Development, Software Engineering, Systems Integration and Architecture, Networking, Database Management Systems, Cybersecurity.

Experience

Office of Curriculum and Instruction Development

Butuan, PH

Full-Stack Web Developer Intern

June 2025 - September 2025

- Engineered the backend architecture and core database logic for an employee database management system using Laravel and PostgreSQL, reducing average query time by ~35% through optimized schema design and indexing.
- Developed and integrated secure RESTful APIs, enabling reliable data exchange across 5+ core system modules with zero reported downtime.
- Designed and programmed responsive frontend views for the system's administrative dashboard using React.js and Tailwind CSS, facilitating seamless data management and full-stack integration.
- Led the full Software Development Lifecycle (SDLC), delivering the system on schedule within a 3-month timeline.

Freelance

Remote

Web Developer

January 2025 - April 2025

- Spearheaded the end-to-end design and development of a responsive web application for a local real estate agency (VZ Stellar Realty) as the sole developer, establishing their online brand presence.
- Engineered an intuitive frontend using Vue.js and Vuetify, featuring advanced search filters and dynamic UI components to streamline browsing of 40+ property listings.
- Implemented a secure, real-time backend and database architecture using Supabase and PostgreSQL, managing user authentication and 40+ live listings, deployed to production on Vercel within a 3-month timeline.

Video Editor

October 2024 - February 2025

- Produced 10+ short-form videos for Instagram Reels and Facebook across e-commerce retail, cosmetic surgery, and travel/lifestyle vlog accounts, growing average post reach by ~40%.
- Collaborated with clients to integrate feedback, meet brand standards, and deliver projects on deadline.

Bigbytes Computers & Services

Butuan, PH

Technical Assistant Intern

February 2020 - March 2020

- Installed and configured CCTV systems, ensuring effective surveillance coverage and proper system functionality.
- Assembled, troubleshooted, and upgraded computer hardware components, restoring optimal performance for client machines.
- Collaborated with technical teams to streamline service workflows and improve turnaround time for repairs.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, C, Java, SQL.

Operating Systems: Windows, Linux.

Technology Stack: Next.js, React.js, Vue.js, Laravel, Django, Supabase, Firebase, PostgreSQL, MySQL, Prisma, React Native, Capacitor, Tailwind CSS, Vercel, Postman, Playwright, Git.

Leadership & Activities

CarSU CyberNinja - Caraga State University

Butuan, PH

Member

2023 - 2025

- Competed in Capture the Flag (CTF) competitions, applying practical skills across web exploitation, network analysis, cryptography, steganography, and digital forensics challenges.
- Trained in hands-on ethical hacking techniques and real-world security scenarios, building practical skills in vulnerability assessment and penetration testing.
- Earned back-to-back Regional Championships at the Hack4Gov 2024 and 2025 competitions, qualifying the team to represent the Caraga Region at the national level.

CSU Game Developers Club - Caraga State University

Butuan, PH

Frontend Developer

2024

- Developed the frontend of Sinawali Showdown, a Filipino cultural turn-based card game built without a game engine using Vue 3 and Pinia state management, delivering a polished and responsive in-browser experience.
- Achieved 3rd place at the DOST Level Up Game Dev Challenge 2024 (National), Regional Champion at the DICT Startup Challenge, and Top 15 Finalist at the DICT Startup Challenge (National).