CONNECT

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LINKEDIN
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GITHUB
jarenkendrick14

LOCATION
Pampanga, PH

TECH STACK

WEB / BACKEND

Vue.js   Angular   Node.js   MongoDB

PHP   JavaScript

SOFTWARE ENGINEERING

C# / Unity   Unreal 5   JSON   Git

CORE COMPETENCIES

Frontend
Reactive state management and responsive UI/UX principles.

Backend
NoSQL schema design and asynchronous I/O handling.

Software
Memory optimization and version control logic (Git).

Interpersonal
Technical documentation and remote collaboration.

CERTIFICATIONS

CCNA: Intro to Networks
fCC: Back End & APIs
CompTIA: ITF+
fCC: JS Algorithms
Cisco: JS Essentials 1
Cisco: Endpoint Security
fCC: Responsive Web Design
Simplilearn: Intro to Figma

EDUCATION

Holy Angel University

Bachelor of Science in Information Technology - with Specialization in Web Development

2023 — 2027 (Expected)

JAREN KENDRICK YAMBAO

SOFTWARE ENGINEERING STUDENT

Systems-focused IT student and Game Programmer with experience architecting complex state-driven logic and persistent data systems. I specialize in translating high-performance game logic architecture into scalable, user-centric web applications.

TECHNICAL EXPERIENCE

Game Programmer   APRIL 2025 — PRESENT
VirtuIntelligence (Remote, Part-Time Contract)

→ Acted as Sole Programmer for Pathfinder VR (Unreal/Unity); integrated Wit.ai for real-time speech processing to enhance immersion and accessibility for non-technical users.

→ Programmed core systems for Robots vs Aliens (Unity/C#), implementing Object Pooling to maintain 60FPS on low-end hardware by eliminating memory-intensive Garbage Collection spikes.

→ Engineered JSON serialization and parsing systems for level configuration, enabling instant data-driven design iteration without manual scene adjustments.

→ Developed modular Finite State Machines (FSM) for complex behaviors, a structural pattern I pivot to frontend state management (Pinia) to ensure predictable application states.

ACADEMIC PORTFOLIO

Dropify (Full Stack)

E-commerce platform using Vue.js and MongoDB. Implemented JWT-based auth and state persistence for secure user session data.

Einstein's Art

Boutique storefront built on Angular. Managed UI states to ensure visual consistency across dynamic component-based circular layouts.

Travel Atelier

Booking ecosystem using Node.js and MongoDB. Engineered search logic, improving retrieval speed for dynamic destination states.

Just Coffee

Responsive café site using Vanilla JS. Optimized asset loading to reduce TTI and provide silk-smooth scroll performance.