

HUA SHI LEI B. ABALOS

SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Full-stack and game developer with 1+ year of experience across an internship, freelance work, and independently shipped products. Proficient in React, Next.js, Node.js, TypeScript, and SQL, with hands-on experience deploying serverless architectures on Cloudflare and Vercel and building game systems in Unity (C#). Delivered production backend features at Nexxus Lab Philippines and independently built and launched bathalastudio.com end-to-end.

EDUCATION

Bachelor of Science in Information Technology (BSIT) 2026 – GWA 3.4

Far Eastern University Cavite, Silang

Science, Technology, Engineering, Mathematics (STEM) 2022

International Philippine School in Riyadh, King Fahd, Riyadh 12273, Saudi Arabia

WORK EXPERIENCE

Internship | Software Developer Jan 2026 - Apr 2026

Nexxus Lab Philippines, 191 Salcedo Street, Makati City, National Capital Region 1223, Philippines

- Developed and maintained backend functionality for web applications using Node.js, Supabase, and REST APIs, supporting the delivery of production-ready client solutions.
- Led the early-stage development of a company website, implementing core features and establishing the project's foundational architecture using React and modern web development practices.
- Integrated and optimized database operations with Supabase, improving data management workflows and supporting accurate internal attendance tracking.
- Collaborated with developers, designers, and stakeholders to deliver functional website features and client requirements within project deadlines.
- Utilized Vercel for deployment and environment management, contributing to efficient development workflows and reliable application releases.

PROJECT EXPERIENCE

Katiwala — Tenant & Property Management Platform (React, Next.js, Node.js, MySQL)

- Sole developer of Katiwala, a full-stack tenant and property management web app built to run day-to-day operations for a multi-unit rental property, covering tenant records, billing, and lease documentation
- Architected the frontend in React/Next.js with a Node.js REST API backend and MySQL database, structuring tenant data storage around Data Privacy Act (RA 10173) compliance requirements
- Replaced manual, spreadsheet-based tracking with a centralized web application actively used to manage real tenant and billing data

Bathala Studio — Full-Stack Studio Platform & Game Dev (Next.js, Node.js, Cloudflare)

- Sole developer of bathalastudio.com — architected and deployed full-stack platform covering frontend (React/Next.js), REST API backend (Node.js), and cloud infrastructure
- Integrated 4 Cloudflare services (Workers, D1, KV, R2) replacing traditional server/database setup with a serverless, edge-deployed architecture
- Configured CI/CD pipelines enabling zero-downtime deployments and automated delivery workflows across environments

Netcom VR — Capstone VR Application (Unity, C#, PlayFab)

- Developed a capstone VR application in Unity (C#) featuring real-time spatial interactions, scene optimization, and immersive UI systems for VR hardware
- Integrated a relational database for persistent user profiles, session tracking, and room state — enabling stateful multi-user experiences
- Delivered full project lifecycle from design to deployment as a graded capstone, demonstrating end-to-end ownership of a production-scope system

South PH Bot — Discord Automation Bot (Node.js, Discord.js, REST APIs)

- Built a Discord bot in Node.js with a modular command architecture supporting scalable feature additions without core rewrites
- Integrated multiple REST APIs to fetch and surface real-time external data within Discord server workflows
- Automated community management tasks, reducing manual moderation overhead through event-driven handlers and scheduled automation

CERTIFICATIONS

COMPTIA: IT Fundamentals+

TESDA: 2D Animation NC III Certification (Expires May 2030)

TESDA: Visual Graphic Design NC III Certification (Expires Jan 2029)

HubSpot Certification: SEO Certified (Expires Apr 2027)

HubSpot Certification: SEO II Certified (Expires Apr 2027)

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C#, C++, Java, PHP, SQL

Frontend: React, Next.js, TailwindCSS, HTML/CSS

Backend: Node.js, REST APIs, Cloudflare Workers & KV, API Integration

Databases: MySQL, Oracle DB, Cloudflare D1, Supabase, PlayFab

Cloud & DevOps: Cloudflare, Docker, AWS, Vercel, Render, CI/CD Pipelines

Tools: Git, GitHub, Postman, Claude Code, AI Agents

Practices: Agile/Rapid Prototyping, Debugging & Testing, Scalable System Design, AI-Assisted Development