KERSHEY TUMBAGAHAN

kershey.dev@gmail.com | Marilao, Bulacan, Philippines
linkedin.com/in/kersheytumbagahan | github.com/kershey-dev | kersheytumbagahan.com

EDUCATION

Pambayang Dalubhasaan ng Marilao — Marilao, Bulacan
Bachelor of Science in Information Technology — 2023 – Present

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python, C#
Frameworks: React, Next.js, Node.js, Express.js, Tailwind CSS, Flutter, Three.js
Databases: PostgreSQL, MySQL, MongoDB, Supabase, Drizzle, Prisma
Tools: Git, GitHub, Docker, Vercel, Postman, REST APIs, Auth.js, Arduino

PROJECTS

XillaFit, Custom Sportswear Platform *(team of four)* — 2026

- Designed and built the interface and UI/UX of every module of a platform with a live 3D designer and an AI design studio, using React, Three.js and Tailwind CSS.
- Integrated the AI design features, wrote backend functions, and traced slow queries and removed extra realtime subscriptions to keep the system responsive under load (Node.js, Express, PostgreSQL, Supabase).

RFID Attendance and Scheduling System *(school project)* — 2025

- Built on my own a Windows app in C# and MySQL that logs attendance from an RFID card tap and marks students on time, late or absent against the class schedule.
- Set up the Arduino Uno and RFID reader, and added class scheduling, email-code sign-up and attendance reports.

School Voting System — 2026

- Built on my own a web election system with student and admin portals, scheduled elections, party-list approval, results with tie-breakers and an audit log, using Next.js, TypeScript, Auth.js, Drizzle and PostgreSQL (Supabase).
- Enforced one ballot per student on the server and covered it with 750+ automated tests, including database tests with ten simultaneous submissions.

Habit Stack — 2026

- Built a planning workspace with a Today dashboard, habit tracking with streaks, focus sessions with notes and a monthly plan, using React and JavaScript.
- Designed the interface, database and sign-in on my own with Supabase (PostgreSQL, Auth) and deployed it on Vercel.

EXPERIENCE / LEADERSHIP

Cybersecurity Sub-Org Committee Chairman, LITE — 2026 – 2027

- Chairs the cybersecurity sub-organization committee of the League of Information and Technology Enthusiasts (LITE), the school council of Pambayang Dalubhasaan ng Marilao.

Third-Year Representative, LITE — 2025 – 2026

- Represented the third-year students in the LITE school council.

Product Development Lead, XillaFit Capstone Team — 2025 – 2026

- Works with the Main Developer and Project Manager to keep the system, documentation, testing and presentation consistent.

Main Developer and Project Manager, Unreal Engine multiplayer game (class project) — 2025

- Built an online multiplayer MOBA for PC and managed the class team.

CERTIFICATIONS AND AWARDS

AppBuildersPH Hackathon 2026, Participant, Team Git Gud, Cyberzone SM Makati — Oct 9–10, 2026
Udemy: Build Responsive Real-World Websites with HTML and CSS (37.5 hrs) — Nov 17, 2026
Udemy: Software Development Life Cycle (SDLC) (2.5 hrs) — Nov 16, 2026
Udemy: Learn How to Learn (1 hr) — Nov 16, 2026