

John Lester Escarlan

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ABOUT ME

I am a Mathematics Major at the University of the Philippines who loves building web applications. I've built projects like a product website, a freedom wall, and a book library using tools such as React, Vite, Tailwind CSS, HTML, JavaScript, and Express. I can also work with Python, C, C++, and can manage databases with MySQL and PostgreSQL. My coursework in data structures, computation theory, and databases has given me a solid technical foundation, and lastly, I enjoy turning ideas into a simple, user-friendly solutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, JavaScript, and TypeScript.
- **Database Management:** MySQL and PostgreSQL.
- **Frameworks & Tools:** HTML, CSS, React, Vite, and Tailwind CSS.
- **Core Concepts:** Mastered data structures, algorithms, object-oriented programming, and web development fundamentals through course and practical applications.

PROJECTS

Freedom Wall 2025

Overview: Built a community platform for users to share thoughts, concerns, and unspoken feelings.

- **Developed** the platform using CSS, EJS, JavaScript, and Express.
- **Implemented** a simple, clean interface user posting.
- **Showcased** the live project at: <https://web-production-2b2eb.up.railway.app/>

Nutcha Bites 2025

Overview: Engineered a product website that replicates the experience of a genuine shopping application.

- **Developed** a responsive website using React, Vite, Tailwind CSS, and TypeScript.
- **Implemented** end-to-end product display and navigation to complement a business proposal.
- **Showcased** the live project at: nutcha-bites.vercel.app

Book Library 2024

Overview: Built a digital book library to manage and display a collection of books locally.

- **Developed** a user-friendly interface using HTML, CSS, and JavaScript.
- **Implemented** functionalities to add, view, delete, and update for books efficiently.
- **Showcased** the live project at: jlescarn11.github.io/book-library

EDUCATION

Bachelor of Science in Mathematics 2022 – Present

University of the Philippines

- **Completed** related course in Data Structures, Computation Theory, and File Processing and Database Systems.

CERTIFICATIONS & AWARDS

- **Earned** Graduation with Honors (2020)
- **Awarded** Best in Mathematics, and Statistics and Probability (2021)
- **Awarded** College Scholar (2022–2023)
- **Awarded** University Scholar (2023)
- **Recognized** as DOST JLSS Scholar (2024)