

# John Lester Escarlan

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🌐 [linkedin.com/in/john-lester-escarlan](https://www.linkedin.com/in/john-lester-escarlan)    🐙 [github.com/jlescarn11](https://github.com/jlescarn11)  
🔗 <https://john-lester-escarlan-portfolio.vercel.app/>

## ABOUT ME

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As a Mathematics Major at the University of the Philippines, I've honed my analytical mindset into becoming a self-taught full-stack web developer. I started my journey through The Odin Project's rigorous curriculum. I build user-centric applications from frontend to backend, leveraging modern tools like React, Vite, and Tailwind CSS for responsive interfaces, with Express.js and PostgreSQL/MySQL for server-side logic and database management. My projects—including pokemon inventory, a product website, and a community-driven freedom wall—reflect my ability to transform ideas into clean, functional solutions. I am also proficient in Python, C, and C++, which helps me use my mathematics background to solve machine problems. Whether crafting intuitive UIs or optimizing data flows, I prioritize simplicity and usability at every components.

## TECHNICAL SKILLS

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- **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

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### Pokémon Inventory

2025

**Overview:** A full-stack web application for organizing Pokémon collections with secure CRUD operations and real-time search functionality.

- **Developed** with EJS, Tailwind CSS, Express.js, and PostgreSQL, featuring server-side rendering and relational database architecture.
- **Implemented** CRUD operations with form validation and a responsive grid interface for managing Trainer and Pokémon entries, including search/filter.
- **Showcased** the live project at: <https://inventory-application-xiyr.onrender.com/>

### Freedom Wall

2025

**Overview:** 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:** 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](https://nutcha-bites.vercel.app)

## EDUCATION

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**Bachelor of Science in Mathematics**

2022 – Present

**University of the Philippines**

- **Taken** related subjects including Data Structures, Computation Theory, and File Processing and Database Systems.

## CERTIFICATIONS & AWARDS

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- **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)