John Lester Escarlan

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About Me

- Computer Science student at UP Cebu with practical experience in full-stack development. I build web applications using React, Node.js, and work with databases to create functional solutions that solve real problems.
- My background in Mathematics provides strong analytical thinking for problem-solving and algorithm development. I have professional experience in system monitoring, error diagnosis, and web application development using C# and ASP.NET in team environments.

Education

University of the Philippines Cebu, BSc in Computer Science — 2025 - present

- Learning software engineering principles and system design.
- Coursework includes data structures, algorithms, and database systems.

University of the Philippines Cebu, BSc in Mathematics — 2022 - 2025

- Focused on computational methods and algorithm analysis.
- Applied mathematical problem-solving to programming challenges.
- Developed analytical thinking skills for software development.

Work Experience

Wind's Gate Philippines, Part Time Monitoring Team — Jun 2025 - Present

- Monitor system errors across databases, crypto platforms, and various applications to ensure operational stability.
- Interpret Japanese error messages and technical documentation to support international operations.
- Analyze system failure patterns and create documentation to help development teams resolve recurring issues.

Alliance Software Inc., Software Developer Intern — Jun 2025 - July 2025

- Built web applications using C# and ASP.NET for client projects with focus on functionality and user experience.
- Worked with cross-functional teams to deliver software solutions within project timelines.
- Maintained code quality standards and followed project management best practices.

Projects

PokeInventory — 2025

- Full-stack collection manager with complete CRUD functionality, search/filter system. Mastered database design and server-side rendering.
- Tools Used: Express EJS, Tailwind CSS, Javascript, PostgreSQL
- Live Demo: https://inventory-application-xiyr.onrender.com/

Freedom Wall — 2025

- An anonymous community platform that let users post thoughts/concerns. Learned fullstack development and database design.
- Tools Used: Express, EJS, Javascript, CSS, and PostgreSQL.
- Live Demo: https://web-production-2b2eb.up.railway.app/

Website Portfolio V1 — 2025

- Personal portfolio website that features project showcase, responsive design, and smooth animations. Demonstrates modern web development skills

- Tools Used: react, vite, typescript, tailwind css
- Live Demo: https://john-lester-escarlan-portfolio.vercel.app/

Nutcha Bites   2025
- E-commerce app that features product catalog, cart management, checkout flow. Learned type safety and component architecture.
- Tools Used: react, vite, typescript, tailwin css
- Live Demo: https://nutcha-bites.vercel.app/

Sutta's Apparel   2025
- Shopping cart app the fetches products from API, manages cart state, handles quantity updates. Learned API integration and state management.
- Tools Used: react, vite, tailwind css
- Live Demo: https://shopping-cart-ivory-ten.vercel.app/

Pokemon Memory Game   2025
- Memory card game that click cards to find matches, tracks score and attempts. Learned React state management, array shuffling, and game logic.
- Tools Used: react, vite, css
- Live Demo: https://pokemon-memory-game-olive.vercel.app/

CV Application Builder   2025
- Resume builder that features form handling, live preview, PDF export functionality. Mastered React hooks, component structure, and file downloads.
- Tools Used: react, vite, css
- Live Demo: https://cv-application-five-pink.vercel.app/

Sutta's Book Hub - A Book Library   2025
- Book collection manager the let users to add/remove books and track reading status. Learned local data storage and array manipulation.
- Tools Used: html, css, javascript
- Live Demo: https://jlescarlan11.github.io/book-library/

Rock Paper Scissors - A Game   2025
- Rock-paper-scissors game that features score tracking, random computer logic, and win/lose detection. Learned conditional statements and game flow control.
- Tools Used: html, css, javascript
- Live Demo: https://jlescarlan11.github.io/rock-paper-scissor/

Lacio - A Simple Calculator   2025
- A calculator that handles basic arithmetic, decimals, and keyboard input. Learned DOM manipulation, event handling, and debugging.
- Tools Used: html, css, javascript
- Live Demo: https://jlescarlan11.github.io/calculator/

Technologies

Frontend: Bootstrap, Context API, CSS, CSS Modules, esbuild, HTML, Material-UI, Next.js, PostCSS, React, Tailwind CSS, Vite, Webpack

Backend: .NET 5+, .NET Core, .NET Framework, ASP.NET, ASP.NET Core, Entity Framework, Express.js, Laravel, Node.js, Spring Boot, Spring Framework

Database: MongoDB, MySQL, Oracle, PostgreSQL, Redis, SQL Server, SQLite

Others: Assembly, Bash, C, C#, C++, conda, Git, GitHub, GitHub Actions, IntelliJ IDEA, Java, JavaScript, JWT, Kotlin, Netlify, NoSQL, npm, NuGet, OAuth, PHP, pip, pnpm, Postman, PowerShell, Python, R, Railway, Render, Solidity, SQL, Supabase, TypeScript, Vercel, Visual Studio, Visual Studio Code, yarn