

# Carl Ryle Escaño

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Mendez, 4121 • +6391 7163 7822 • [carlryle14@gmail.com](mailto:carlryle14@gmail.com) • [Portfolio](#)

## Relevant Skills

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

**Frontend:** React, Next.js, HTML, CSS, Tailwind CSS

**Backend:** .NET Entity Framework

**Databases:** MySQL, Microsoft SQL Server, PostgreSQL, MongoDB

**Tools & Platforms:** Git, GitHub, Docker, DDEV, Postman, WordPress, Figma

## Experience

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**ERNI**

Hybrid

**Junior Web Developer**

January 2025 - Present

- **Photography Contest Website**

- Redesigned and maintained a WordPress website for a photography contest, aligning visuals with updated Figma-based design mockups.
- Customized site layout and components using Elementor, Astra, and custom CSS to enhance user experience and visual consistency.
- Improved responsiveness, accessibility, and cross-device compatibility for a seamless experience across user groups.

- **Magento-based E-Commerce Site**

- Implemented and maintained major e-commerce sales campaigns including Double Date, Pay Day, voucher-based promos, and the free flavor rewards program, contributing to notable increases in customer engagement and conversion rates.
- Refactored large, monolithic JavaScript and CSS files into modular, reusable components, improving maintainability, reducing redundancy, and enabling faster debugging.
- Performed frontend and backend bug fixing across Magento 2, custom modules, and API integrations, ensuring stable and high-performance site operations.
- Strengthened website security by implementing Cloudflare protections, rate limiting, and enhancements required to successfully pass Vulnerability Assessment and Penetration Testing (VAPT).
- Coordinated closely with cross-functional teams in an Agile workflow, participating in daily standups and using a containerized development environment (Docker, DDEV).
- Executed a full website reskin, updating templates, layouts, and styles using HTML, CSS, JavaScript, and Magento Admin theme configuration to modernize UI and improve branding consistency.
- Ensured responsive, accessible, and UX-focused implementation across all frontend pages and components.

## **Nexus Lab**

### **Web Developer Intern**

Remote

February 2024 - May 2024

- Created a pre-launch landing page in Google Sites.
- Developed a login system with JWT to secure routes using React, TypeScript, and PostgreSQL.
- Revamped a travel agency website in Wix.

## **Projects**

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### **Web-based Dental Record Management and Appointment Booking System with Short Message Service and Email Notification for Joson-Perey Dental Clinic**

- Developed a web-based system for managing dental records and appointment bookings.
- Implemented SMS and email notifications for reminders.
- Led the backend development and API integration.
- Technology used: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, Firebase, EmailJS, and Semaphore.

### **Bootcamper Learning Management System (LMS)**

- Designed the complete user interface (UI) and user experience (UX) in Figma, creating detailed wireframes and mockups for the Bootcamper, Mentor, and Admin roles.
- Developed the frontend application using Next.js, translating designs into responsive components for features like Bootcamper profiles, project showcases, and admin dashboards.
- Built REST API endpoints with C# and .NET Entity Framework to manage data for user profiles, skill assessments, and admin reports.
- Integrated the Next.js frontend with the .NET backend API to ensure seamless data flow and full application functionality.
- Technology used: Next.js, C#, .NET, Entity Framework, REST APIs, MSSQL, Figma.

## **Education**

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### **De La Salle University – Dasmariñas**

Dasmariñas, Philippines

Bachelor of Science in Information Technology, Web Development.

GPA 3.79

- Summa Cum Laude
- Capstone Project: Web-based Dental Record Management and Appointment Booking System with Short Message Service and Email Notification for Joson-Perey Dental Clinic