John Lester B. Castillo

Full-Stack Web Developer

CONTACT

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PROFILE

Recent Computer Science graduate with hands-on experience in full-stack web development and applied machine learning. Skilled in building web systems featuring OCR integration, data analytics using Decision Tree algorithms and XGBoost, and third-party authentication. Experienced in RESTful APIs and development tools such as ngrok. Proficient in React.js, Laravel, Java, and MySQL.

TECHNOLOGIES USED

- Front-end: React.js, Inertia.js, Tailwind CSS, Bootstrap, ShadCN UI, Flowbite, HTML5, Vanilla CSS, Javascript
- Back-end: PHP, PHP Mailer, Laravel (RESTful API), Java, Laravel Breeze, JWT ,Laravel Socialite
- Database: MySQL
- Version Control: Github
- Tools: Vscode, Xampp, Github ,Postman, ngrok, Eclipse
- Other Technologies: Google Cloud, Facebook Developer API
- Hosting: Hostinger, Infinity Free, Vercel
- Concept: Object Oriented Programming (basic), Model-View-Controller (MVC) Architecture, Software Development Life Cycle (SDLC)

EDUCATION

Westbridge Institute of Technology Inc. | 2021-2025

Bachelor of Science in Computer Science

PROJECT EXPERIENCE

Internship | Supsoft Technologies (Jan 2025 – Mar 2025)

- Served as Team Leader and Full-Stack Developer, overseeing the web development team while contributing to system design, core feature implementation, and code reviews to ensure timely and high-quality deliverables.
- Developed exam-type features for a web-based review platform.
- Created Google and Facebook login authentication via Laravel Socialite and JWT, integrating Google Cloud APIs and Facebook Developer tools

Enrollment Management System with OCR and Trend Analysis | Thesis 2024 – 2025

- Developed an online enrollment system integrating OCR for form scanning and XGBoost for enrollment trend analysis.
- Implemented a role-based access control (RBAC) system supporting 5 distinct user roles, including student, registrar, accounting, professor and superadmin.

Enrollment System with Decision Tree Algorithm | Software Engineering 2023-2024

- Built an online enrollment system that uses a Decision Tree algorithm to determine student eligibility based on academic records.
- Project Link: https://enrollinacademy.infinityfreeapp.com