

Christian Catuday

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Relevant Experience

Junior Web Developer, Academic / Personal Projects – Philippines Jan 2025 – Dec 2025

- Developed full-stack web applications using modern frontend and backend technologies
- Built RESTful APIs and integrated databases for real-world use cases
- Applied clean code practices, version control, and responsive design principles

Projects

HydroFarm Monitoring System (IoT-Based) July 2025 – Dec 2025

Live Demo: <https://hydrofarm-app.vercel.app/>

- Developed a web-based monitoring system for hydroponic farming that tracks temperature, humidity, and pH levels
- Built a real-time dashboard to visualize sensor data and support environmental analysis
- Integrated a trained model to learn healthy threshold patterns and assist data-driven farming decisions

E-commerce Web Application Oct 2025 – Dec 2025

Live Demo: <https://shoply-ecommerce-rose.vercel.app/>

- Built a full-stack MERN e-commerce platform with user authentication, product browsing, and order processing
- Implemented admin features for managing products, categories, coupons, and customer orders
- Designed a responsive UI optimized for desktop and mobile devices

EduPortal - Learning Management System (LMS) Nov 2025 – Dec 2025

Live Demo: <https://edu-portal-lms.vercel.app/>

- Developed a Learning Management and Student Information System with enrollment, curriculum, and user management
- Implemented secure authentication, RESTful APIs, and backend logic
- Enhanced usability through role-based interfaces for students, instructors, and administrators

Technical Skills

Languages: JavaScript, PHP, Python, SQL, HTML, CSS

Frameworks: Node.js, Express.js, React.js, Tailwind CSS, Bootstrap

Databases: MongoDB, MySQL

Tools: Vite, Git, GitHub

Education

Our Lady of Fatima University, Bachelor of Science in Information Technology (BSIT) Aug 2022 – present
in Quezon City – Philippines

- **Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Web Development, Database Systems