

Christian Catuday

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Experience

Junior Software 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

- Designed and developed an IoT-powered system that continuously monitors temperature, humidity, and pH levels for hydroponic farming environments
- Built a web-based dashboard that displays real-time sensor data, enabling users to easily track and analyze environmental conditions
- Integrated a trained model to learn healthy threshold patterns and support data-driven decisions for optimized crop growth

E-commerce Web Application Oct 2025 – Dec 2025

- Developed a full-stack e-commerce platform featuring product management, user authentication, and secure order processing
- Implemented a checkout system with coupon and discount functionality, along with order history and tracking for users
- Built RESTful APIs using Node.js and Express.js, integrated with MongoDB, and designed a responsive UI using React, Tailwind CSS

EduPortal LMS Nov 2025 – Dec 2025

- Developed a Learning Management and Student Information System featuring curriculum, enrollment, and user management for academic use
- Implemented secure authentication, RESTful APIs, and backend logic using Node.js, Express, and MongoDB
- Optimize user experience through the creation of user-friendly interfaces and seamless navigation for various user roles

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, Docker

Education

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

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