

# Christian Catuday

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## Relevant Experience

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- 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

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- 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-e-commerce-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

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**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

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- 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