

# Christian Catuday

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## Experience

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- 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

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- 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

## 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, Docker

## Education

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**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