

James Michael D. Magnaye

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Batangas City, Batangas

PROFESSIONAL SUMMARY

Computer Science student and aspiring Full-Stack Developer with experience in building web applications using React, Next.js, Node.js, Express.js, and SQL/NoSQL/PostgreSQL. Experienced in UI/UX design and developing end-to-end systems through internships and freelance projects. Passionate about creating scalable and user-friendly software solutions.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, EJS, React.js, Next.js

Backend: Node.js, Express.js

Database: SQL, NoSQL, PostgreSQL

Other Skills: Figma, Adobe Photoshop, and working knowledge of Python, C++, and Lua

EXPERIENCE

Batangas State University (STEER Hub - DevOps)

June 2025 - July 2025

Software Development (Internship) - Frontend

- Built and integrated a new product display page in Next.js, implementing responsive UI components for improved product visibility and user interaction.
- Refined UI elements including typography, color schemes, and components in collaboration with teammates to enhance overall user experience and design consistency.
- Debugged and updated backend quiz logic and synchronized frontend UI changes to ensure accurate functionality and seamless user flow.

ACADEMIC/PERSONAL PROJECTS

Full-Stack Developer / Project Manager

- Developed CodeChal, a competitive programming platform with integrated code execution, authentication, and real-time leaderboards to enable solo and team-based coding competitions.
- Created a beginner-friendly full-stack web development guide using Express.js, EJS, and Firebase, and developed a real-time chat application demo with Next.js, Express.js, and Socket.IO featuring room-based messaging.
- Built an AI-powered resume generation application utilizing the Gemini API to generate customized resumes from chat history or full prompts.
- Developed browser-based clones of Flappy Bird and Wordle using Next.js to practice game mechanics, state management, and interactive user experiences.
- Collaborated with a team to create KAINmunity, a food waste management system that facilitates food donation and distribution through a WinForms client and ASP.NET Core.

ACHIEVEMENTS

Champion - National Robotics Game (Iloilo)	August 2019
Participant - World Robot Games Thailand	September 2019
People's Choice - Space Apps Challenge	October 2024
Top 15 Finalist – ExCSellence 2026	April 2026
3 rd place - Technofusion Capture the Flag	April 2026

EDUCATION

Bachelor of Science in Computer Science — Cum Laude	2022 - 2026
<i>Batangas State University - The National Engineering University</i>	

ACADEMIC AFFILIATION

Former Co-Head of Web Development and Pitching	August 2024 - August 2025
<i>Student Coders for Resourceful and Innovative Programming Techniques (SCRIPT)</i>	