John Michael Delola

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Professional Summary

Fourth-year BS Information Technology student with experience independently developing full-stack web applications. Skilled in web development, database integration, authentication, access control, and AI-assisted development workflows.

Projects & Development Experience

IMCA Korean Learning Center — Learning Management PWA

Full-Stack Developer | Client Project | *May 2026 - Present*

- Developed a learning management application addressing the center's needs for digital quizzes, centralized learning content, and student administration.
- Implemented student communication workflows to support the management of inquiries, announcements, concerns, and other student interactions.

Conscious Connections — Educational Learning Platform

Full-Stack Developer | Thesis Project | *Dec 2025 - Nov 2026*

- Developed an educational web platform featuring structured learning modules, lessons, quizzes, and learner progress functionality.
- Applied Laravel's Eloquent ORM, request validation, and authorization mechanisms to support application functionality and access control.

AI-Assisted Development

Self-Directed Practice | *2024 - Present*

- Use AI coding agents to support implementation planning, coding, debugging, and refactoring.
- Apply specification-driven and test-driven workflows to guide development and verify software behavior.

Education

NATIONAL COLLEGE OF SCIENCE AND TECHNOLOGY - BS Information Technology
Expected Graduation: April 2027 | GPA : 1.44

Technical Skills

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

Frameworks & Libraries: React.js, Next.js, Node.js, Laravel, Tailwind CSS, Alpine.js, Blade

Developer Tools: Git, GitHub, Visual Studio Code, Docker, pnpm, npm, Vercel, Supabase, PostgreSQL, Vitest, Playwright, Figma, shadcn/ui

AI & Development Workflows: AI-Assisted Development, Agentic Coding, Prompt Engineering, Specification-Driven Development, Test-Driven Development