

Mark Louie Alvarez

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EXPERIENCE

Software Development Intern

Feb. 2026 – Jun. 2026

Open iT — Hybrid

- Built **CI/CD pipelines** that automatically ran tests and linting on every push and pull request, built the application, and deployed releases to staging and production.
- Contributed to production software in an **Agile/Scrum** environment, delivering features through iterative development cycles.
- Applied **Test-Driven Development (TDD)** to improve code reliability and maintainability across production features.

Full-Stack Developer

Jul. 2025 – Nov. 2025

Nyvora — Remote

- Migrated the frontend from **Create React App** to **Vite**, reducing build times by **70%** and improving development workflow.
- Developed and integrated **Django REST APIs** to connect frontend applications with backend services and data.
- Designed and managed **PostgreSQL** databases, implementing data models and queries to support application features.

Web Developer

Sep. 2024 – Present

Freelance — Remote

- Delivered **5 client projects**, using **React, Next.js, Node.js, and Laravel**.
- Owned the **end-to-end development lifecycle**, from requirements and implementation to deployment.
- Implemented features including **authentication, email workflows, file uploads, CRUD operations, and third-party API integrations**.

PROJECTS

Requo | *Next.js, React, TypeScript, Supabase, Better Auth, Redis, AI*

- Built a multi-tenant SaaS platform for managing customer inquiries, quotes, and follow-ups.
- Developed AI-assisted workflows using **multi-model routing, RAG**, and automated follow-ups.
- Implemented **tenant isolation**, subscription billing, background jobs, and usage tracking across the platform.

UpClass | *Next.js, React, TypeScript, PostgreSQL, Drizzle ORM, TanStack Query, AI*

- Built a full-stack LMS for teachers and students with courses, collaborative learning tools, and real-time features.
- Integrated AI capabilities with **tool calling**, memory retrieval, rate limiting, and multi-provider LLM support.
- Implemented **real-time collaboration**, interactive whiteboards, PWA support, and offline synchronization.

FreshStart PH | *Next.js, React, TypeScript, Tailwind CSS, Motion*

- Built a responsive agency website using reusable React components.
- Implemented **SEO metadata**, structured data, and accessible HTML to improve search visibility and usability.
- Created **Motion**-based interactions, smooth scrolling, and responsive layouts across desktop and mobile.

EDUCATION

St. Anne College Lucena Inc.

Lucena City, Quezon

Bachelor of Science in Information Technology | GWA: 1.55

Sep. 2022 – Jul. 2026

- Participant, **Open iT CodeFest Hackathon** (Jul. 2025)
- Participant, **Open iT CodeFest Hackathon** (Nov. 2025)
- Participant, **DICT Hack4Gov Regional Hackathon** (Oct. 2025)

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Python, PHP

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express, Laravel

Database: PostgreSQL, Supabase, Redis

Tools: Git, Docker, Linux