Mark Carlo Lumbayan

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Education

Central Mindanao Univeristy   Mindanao, Philippines
BS Information Technology   June 2014 - June 2018

Work Experience

Syntactics Inc.   Cagayan De Oro City, Philippines
Web Project Manager   September 2018 - October 2021

- Led cross-functional teams of developers, designers, and QA specialists, fostering collaboration and clear communication across internal departments and external stakeholders to ensure smooth project execution.
- Developed and maintained detailed project plans, including work breakdown structures, resource allocation, budgets, and timelines, ensuring projects were delivered on time and within scope.
- Facilitated regular project meetings, status reporting, and client updates, aligning technical deliverables with business requirements and stakeholder expectations.
- Advocated for process improvements and best practices in project management, enabling more efficient team workflows and stronger alignment between technical output and client needs.

Communiqu   Remote
Web Developer   November 2021 - January 2023

- Developed and maintained the company website using WordPress, integrating a custom front-end framework to deliver faster load times, improved scalability, and a seamless user experience.
- Collaborated with designers and marketing teams to align web features with campaign goals, ensuring consistent branding and measurable impact on lead generation.
- Implemented SEO best practices across landing pages, boosting search visibility and driving sustained growth in organic traffic.
- Optimized website performance and security by configuring caching strategies, monitoring server health, and applying best-in-class security protocols.
- Streamlined content management workflows, enabling non-technical staff to update pages efficiently while maintaining code quality and design standards.

Self-Employed / Freelancer   Remote
Web3 Developer   January 2023 - July 2025

- Conducted in-depth testing and audits of blockchain protocols, DeFi applications, and dApps across multiple networks, identifying vulnerabilities and implementing fixes that improved overall security and reliability.
- Designed and deployed automation scripts to streamline wallet management, covering seed phrase imports, transaction execution, batch processing, and continuous account monitoring.
- Developed custom automation workflows integrating Playwright, Supabase, and blockchain APIs to handle wallet creation, transaction simulation, and performance benchmarking at scale.
- Documented processes and delivered reusable tools that enhanced developer productivity and reduced repetitive tasks during blockchain testing and deployment.
- Collaborated with crypto communities and testnet programs, providing technical feedback on protocols, validator performance, and interoperability features.

Self-Employed / Freelancer   Remote
Fullstack Developer   July 2025 - Present

- Built and launched SaaS applications leveraging AI technologies, with a focus on productivity tools, automation platforms, and Web3 integrations.
- Designed and implemented end-to-end system architecture, including user authentication, role-based access control, relational and vector database schemas, and scalable cloud deployment workflows.
- Documented development workflows and best practices to streamline future project builds and enhance knowledge sharing.

Frontend:	HTML/CSS/JS, React, Next.js, Typescript, TailwindCSS, Shadcn
Backend:	Node.js, Python, PHP
Databases & Services:	Supabase, Firebase, Postgresql, MongoDB, MySQL
CMS:	Wordress, Shopify, Squarespace, Framer, Webflow
Hosting & Infrastructure:	DNS Management, SSL, Cloud Hosting (Vercel, Cloudflare, AWS, DigitalOcean)
Automations:	AI Integrations, n8n, Zapier, Airtable, Playwright
Web3:	Wallet Automation, Protocol Testing
Others:	SEO, Project Management, UI/UX

PORTFOLIO

FeedbackIQ *Next.js, Supabase, TailwindCSS, OpenAI API*   https://feedbackiq-smart.vercel.app/
FeedbackIQ is a comprehensive survey platform designed specifically for businesses to create, distribute, and analyze customer feedback with AI-powered insights.

Opoos *Next.js, Supabase, TailwindCSS, n8n Automation*   https://opoos.vercel.app/
Opoos is a comprehensive internal tool designed specifically for sales teams and project managers to streamline the proposal and quotation workflow for website development projects.

Personal Website *Next.js, TailwindCSS*   https://markcarlo.space
My personal website serves as a portfolio hub, featuring my skills, project case studies, and direct contact information for potential collaborations.

Wordpress Website *Wordpress, PHP, MySQL*
Curated portfolio highlighting my WordPress website development projects.
https://solarpower.markcarlo.space/, http://homepro.markcarlo.space/