Chris Dickson C. Molina

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Software Engineer

Frontend | Responsive UI | Backend | RESTful API | Database

Proficient engineer, adept at problem-solving, committed to best practices, and proactive in overcoming project challenges. Portfolio highlights creativity, innovation, and a dedication to impactful web applications.

Skills

Front-end: Vue/Nuxt **|** React **|** TailwindCSS **|** Pinia
Back-end: Laravel **|** Spring Boot **|** Play Framework **|** Node/Express
Databases: PostgreSQL **|** MySQL
Programming Languages: Php **|** Kotlin **|** Scala **|** Swift (iOS) **|** TypeScript **|** JavaScript **|** Python **|** Java **|** C
Other: OpenAI API, Claude, Copilot, Zod, Shadcn, Git, Agile/Scrum

Work Experience

Vaudlex Technologies Inc, Cebu City | Software Engineer | 02/2024 - 08/2025

- **Automated customer support**: Developed landing page and integrated OpenAI's assistant with chatbot prompt, as well as emailing service boosting company conversion rates.
- **Built an internal HR automation system**: Streamlined payroll, attendance, leave/overtime requests, secure access through middleware and auth, reducing manual admin work.
- **Engineered a full-featured web app inspired by PassKit**: Developed and integrated core full-stack features—including CSV export, Android push notifications, Stripe integration, Playwright E2E testing, UI/UX enhancements, and more—for a scalable platform now in alpha phase.
- **Developed a parental control iOS prototype**: Used SwiftUI and Screen Time APIs to enforce study-time limits, and integrated AdMob to generate revenue during unrestricted use.

Remotasks, Remote | LiDAR Annotator → Reviewer **|** 10/2020 - 06/2021

- **Ensured LiDAR data quality:** Provided meticulous data labeling, supporting AI with precision.
- **Contributed to dataset precision**: Performed detailed labeling and QA, maintaining consistent annotation standards.

Projects

Lindol.live (lindol-live.vercel.app**)**
Full Stack Developer (Svelte, TypeScript, TailwindCSS, Node.js/Express.js, Axios, Cheerio, Leaflet)

- Built a real-time earthquake visualization platform scraping PHIVOLCS data using Cheerio, automating 3-minute cache refreshes via cron to ensure >99% uptime, and delivering instant geospatial insights through an interactive Leaflet map built with Svelte and Node.js.

BayanihanPH (bayanihanph.vercel.app**)**
Full Stack Developer (Next.js, React.js, ShadcnUI, Zod, Supabase, TailwindCSS, Leaflet)

- Built a community-powered disaster response app enabling real-time shelter and relief site reporting during emergencies. Integrated Google Maps, Waze, and Leaflet for accurate navigation and coordination, reducing response time by an estimated 40%, with multilingual support (English, Cebuano, Tagalog) to promote inclusivity.

HealthFlow (healthflow**)**
Full Stack Developer (Laravel, MySQL, React.js, React-Router, TanStack, Zod, ShadcnUI, Tailwind CSS, TypeScript)

- Developed a role-based medication management system for patients, providers, and admins with secure authentication, dynamic medication inventory, and refill tracking—reducing manual record updates by an estimated 60% while laying the groundwork for analytics and real-time communication features.

Education

Cebu Institute of Technology - University (CIT - U)   Undergraduate - January 2023
Bachelor of Science in Information Technology (BS - IT) - Coursework Completed
Relevant Coursework: Data Structures & Algorithms (DSA), Object Oriented Programming (OOP), Technopreneurship