

Sagarino, Al Drazen C.

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Education

University of Mindanao, Main Campus - Bachelor of Science in Information Technology, 2025

Experience

Part-Time Frontend Developer, Aquila Softwares, Davao City - June 2025 - Present

Work on client-delivered systems (HRIS, Inventory, Care Solutions) and Aquila Softwares' own products (Bettermomsh, Clinic Systems).

- Lead frontend development for the ongoing Bettermomsh e-commerce platform (<https://bettermomsh.com/>), handling UI architecture, reusable components, responsive layouts, product pages, cart/checkout flow, and API integration using React, TypeScript, Tailwind CSS, Lucide React, and Ant Design.
- Collaborate closely with backend teams to align data structures, resolve API issues, and improve system performance across multiple applications.
- Maintain the company's three core Clinic Systems, implementing new features, UI/UX improvements, API integrations, system refactoring, and resolving critical production issues.
- Developed the frontend architecture and integrated APIs for a comprehensive HRIS Recruitment Module, enabling end-to-end user experiences for job management and applicant tracking across web (React) and mobile (React Native) platforms.
- Sole frontend developer for a production Inventory Management System using React, TypeScript, SCSS, Ant Design, and MobX, implementing UI, API integration, and real-time notifications for job order deployment and returns via WebSockets.
- Implemented UI components, routing, form systems, API calls, and performance optimization for Care Solutions using Next.js (React Server Components) and TypeScript.
- Improved developer experience by refactoring UI components, implementing scalable state management (MobX), and introducing reusable and consistent UI patterns.

Intern, Aquila Softwares, Davao City - March 2025 - June 2025

Front-end developer using React Typescript

- Developed the frontend of an Inventory Management System from scratch, implementing UI designs, routing, and API integrations.
- Designed and implemented new features for the Clinic system, managing both UI development and API integration.
- Supported UI development and bug fixes across three Clinic Systems, improving stability and user experience.

Recent Projects

Web Portfolio

<https://al-drazen-sagarino.vercel.app/>

- Deployed a responsive personal portfolio showcasing experiences, technical expertise, and recent projects using React, TypeScript, Tailwind CSS, and RadixUI.

MassagEase (Capstone Project)

<https://play.google.com/store/apps/details?id=com.massageaseapp.massagease&hl=en>

A cross-platform mobile booking application for wellness massage using the Gale-Shapley algorithm and Supabase.

- Designed and developed the UI and front-end of the application using Flutter (Dart).
- Set up user authentication and database integration with Supabase and Google Auth.
- Implemented core functionality, including the in-app messaging and booking system, leveraging the Gale-Shapley algorithm.
- Integrated third-party services such as Google Maps API for location-based features and Google SMTP Server for email notifications.
- Tools used: Dart, Flutter, Supabase, Google SMTP Server, Google Auth, Google Maps API

Certifications

- Information Technology Specialist (Certiport) - Network Security (2024)
- Information Technology Specialist (Certiport) - Cybersecurity (2024)
- Information Technology Specialist (Certiport) - Networking (2023)
- Information Technology Specialist (Certiport) - HTML and CSS (2023)

Skills

- HTML
- CSS
- JavaScript
- TypeScript
- ReactJS
- NextJS
- Flutter
- React Native
- Progressive web apps
- NodeJS
- PHP
- C#
- SQL
- PostgreSQL
- Supabase
- Firebase