Ryan Chum Sze Chuan, Web Developer

Bukit Jalil, Kuala Lumpur, 58200, +60138519113, muhcnayr@yahoo.com

rycdev.vercel.app

PROFILE

A web developer with experience in both front-end and back-end technologies. Committed to develop innovative digital web-based solutions that address everyday challenges for businesses.

EMPLOYMENT HISTORY

Feb 2024 - Present

Front-End Developer, Arcanite (Australia)

- Contributed to the development and upkeep of a shared web application ecosystem with four interconnected platforms supporting sales, marketing, and operations.
- Led the creation of a dynamic flyer generation system that auto-generates branded property flyers upon project creation, streamlining marketing efforts for agents.
- Built a real-time project sales reporting tool with custom date filters and PDF export, giving stakeholders clear insights into unit availability and sales performance.
- Developed a presentation mode for showcasing projects in visually engaging formats, enhancing both virtual and in-person sales pitches.
- Implemented a customizable email template feature enabling agencies to apply their branding —logos, colors, and signatures—to client communications.
- Created a dynamic map feature using the Google Maps API, allowing users to view nearby amenities (malls, eateries, transport) relative to each project's address.
- Revamped the email module for sharing property and project details with potential clients, including integration with ChatGPT to dynamically generate personalized email content based on project and property attributes.
- Migrated legacy projects from Vue 2 to Vue 3, improving code maintainability and leveraging modern frontend capabilities like the Composition API.

Sep 2022 - Feb 2024

Web Developer, ThunderQuote (Singapore)

- Led development of a Claim Management System using Vue.js, Bootstrap (frontend), Node.js, Express.js, Microsoft Graph API (backend), and PowerApps (database).
- Implemented Excel data export using SheetJS and added dynamic form fields to support various reimbursement types.
- Developed an approval workflow enabling HR to review, approve, or reject claim submissions efficiently.
- Built a dynamic survey module within the admin dashboard to create and distribute surveys to caregivers, with real-time sync for immediate access to results.
- Developed a volunteer management PWA with Vue.js and integrated Twilio API for OTP-based login.
- Improved an Appointment Management System with custom notification settings, user preferences, and enhanced user experience.
- Integrated Twilio SMS notifications and automated scheduling using Amazon CronJob for timely alerts.
- Enabled users to save and personalize their settings, such as preferred notification methods, default appointment durations, and time zone preferences in MySQL database.
- Created a data upload feature for importing Excel files with built-in validation for accuracy and consistency.
- Migrated two legacy projects from Vue 2 to Vue 3, modernizing codebases and improving maintainability.

EDUCATION HISTORY

Jun 2018 - Sep 2019

Foundation Studies in Art & Technology
UOWMKDU University College (Shah Alam)
- Graduated with academic distinction, achieving a commendable CGPA of 3.5/4.0.

Sep 2019 - Sep 2022

Bachelor's Degree in Computer Science
UOWMKDU University College (Shah Alam)
- Graduated with academic distinction, achieving a commendable CGPA of 3.4/4.0.
- Developed a Capture The Flag (CTF) website that is specialized in cryptography question to allow university students to familiarize themselves with cryptography in cyber security for my Final Year Project (FYP).

SKILLS

Agile	AWS	MongoDB
Git	HTML5	MySQL
Rest API	CSS3	Node.js
Twilio API	Javascript ES6	Express.js
Microsoft Graph API	Nuxt	Communication Skills
Microsoft Dynamics 365	Sass	Customer Service
Microsoft OData	Tailwind CSS	Project Planning
Microsoft Outlook Integration	Bootstrap	Requirement Gathering
UI/UX Design	Material UI	User Guide Documentation
Figma	Vue.js	CI/CD

LANGUAGES

English (Native Speaker)
Malay (Native Speaker)
Chinese (Native Speaker)

PROFESSIONAL REFERENCES

Fakhzan Azwan Che Arshad (Director of Malaysia Tean & Lead Developer) from ThunderQuote
fakhzan.azwan@gmail.com
+601110325995

Minnal Kumar (Senior Web Developer) from ThunderQuote
minnalkumarrr@gmail.com
+60136591695

Muhammad Fitrie Bin Roslan (Senior Web Developer) from ThunderQuote
mfitrie789@yahoo.com
+60133527921

Ahmad Zulfikar Bin Ahmad Kamal (Project Manager) from ThunderQuote
a.zulfikar.work@gmail.com
+60178892797