

Muhammad Ibrahim Bin Azmi

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Education

University Malaysia Sabah, Labuan International Campus (UMS)

Labuan, Malaysia

E-Commerce (Bachelor of Information Technology) (Hons)

2018 – 2022

- **CGPA:** 3.2
- **Relevant Coursework:** Internet Technology, Object Oriented Programming (OOP), Data Structure, System Engineering, E-Commerce, Web Programming, Database Management System, Information Technology Project Management, System Analysis and Design, Network and Security, Management Information System, Data Mining.

Politeknik Sultan Idris Shah

Selangor, Malaysia

Diploma in Networking System

2013 – 2017

- CGPA: 2.9

Relevant Experience

Bluevy PLT (Software Engineer/Full Stack Developer)

Internship, Full-Time

March 2022 – Present

WhatsApp Module Project Management

March 2023 – ongoing

The goal of this project was to enable merchants to manage their WhatsApp's accounts in a single page for sales and marketing purposes.

I single-handedly translate the backend from Code Igniter to Laravel of Waziper's WhatsApp source code that involved third-party APIs.

Also helped with the development of front-end using Vue.js.

What did I do?

- Converted backend functions from Code Igniter to Laravel.
- Implement cache in the module to improve performance.
- Used sessions to store unique parameters for the WhatsApp API.
- Integrate the module into existing CRM system.

- Enhance user experience (UX) when logged with multiple WhatsApp's accounts.
- Synchronized related table into existing live database.

Tech Stack

Vue.js, Laravel, Redis, MySQL, JavaScript, Vuetify

Rental Product Project Management

February 2023

Help colleague to implement an override function for rental products.

What did I do?

- Implement an override function to extend existing rental products duration.
- Fixed compatibility issues of CSS for front-end to implement Vue.js
- Enhanced user experience using Vue.js and Axios package.
- Helps fixing live bugs related to this project.

Tech Stack

Vue.js, Laravel, MySQL

Appointment Booking Project Development

January 2023

Helped colleague to enhance and integrated Appointment Booking functions with existing

What did I do?

- Integrate existing reusable component into the front-end
- Fixed bugs

Tech Stack

Vue.js, Laravel, MySQL

Package Permission Module Project Management

July 2022 – ongoing

This project was made with various coding pattern, such as inheritance, traits, façade, service provider, helper functions, repository for interface, cache (Redis), sessions, middleware, and observer to observe changes in a model.

The purpose of this project was to manage permissions provided to merchant's website based on their package subscription where different type of package has different permission/privilege that will display links to pages in sidebar.

It's not only to manage the package's permissions, but also to manage accessibility to certain pages from external entities.

What did I do?

- Single-handedly manage this module.
- Used various coding patterns to enhance scalability and performance.
- Made it modular and robust for future enhancements.
- Implemented permissions for website/mobile back-end sites.
- Used repositories and observers code pattern for caching to improve performance.

Tech Stack

Vue.js, Laravel, MySQL, JavaScript, Ajax, Redis

PHP Programmer - Internship

March 2022 – September 2022

Quickly learned Laravel framework and Vue.js JavaScript framework without prior experience and fixed all bug inside the staging server,

After I fixed my first bug during the first few weeks of internship, I quickly adapted and began fixing live server bugs and issues at a fast pace.

What did I do?

- Tested the website both front-end and back-end.
- Fixed mostly bugs from staging server.
- Fixed a lot of live server bugs and issues.
- Able to deploy patches very quickly for testing phase

Tech Stack

Vue.js, Laravel Framework, SQL, AJAX, JavaScript, Bootstrap 4

Area of Expertise

Programming Languages: MySQL, Vue.js, Laravel, PHP, AJAX, JQuery, JavaScript, Typescript, Angular, Ionic Framework, Project Management, Bootstrap 4 (CSS), Code Igniter

Extra: Git, Laravel Valet

Languages: English (Fairly fluent), Malay (Native).

Vue.js

- Made use of directives such as reusable components, and enhances company codebase by making everything more flexible to add new features.
- Experience with Vuetify framework, on top of Vue.js
- Single-handedly introduces and implemented Vue.js codebases on front-end, while fixing CSS issues during development.

Laravel

- Most comfortable with backend development, require intensive thinking and problem-solving skills for development.
- Implemented APIs on projects.
- Implemented common functions for Website and Mobile Application

Typescript

- Implemented assigned projects from web to mobile application using Laravel and Ionic-based frameworks.

Project Management

- Handled multiple projects
- Helped colleague with other big projects, implementing new functions.
- Enhancements for existing CRM, such as Package Permission, WhatsApp, etc..
- Development of new Package Permission.

Other Experience

Co-Curriculum Carnival (KARKOMKAL)

2018

Chair Person

UMS SPRINT (CSR)

2018

Project Director