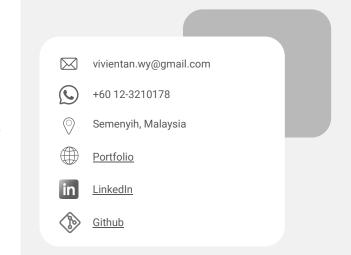
# TAN WAN YIN

## Software Engineer

Backend-Focused Software Engineer with **2+ years of experience** in C#, .NET, and SQL Server, building and maintaining backend systems that power real-time data analytics for retail and public venues. Skilled in developing APIs, optimizing large-scale data queries, and streamlining internal workflows. Passionate about solving complex technical problems, writing clean, maintainable code, and collaborating across teams to deliver reliable, highimpact features.



#### TECHNICAL SKILLS

C# PYTHON JAVA JAVASCRIPT HTML CSS GIT CI/CD JENKINS

.NET RESTAPI MSSQL MYSQL SCRUM METHODOLOGIES AGILE METHODOLOGIES

#### WORK EXPERIENCE

#### **Software Engineer**

FootfallCam

#### 04/2025 - Present

- Engineered and maintained backend APIs supporting critical business processes, following software development best practices and unit testing to ensure reliability and robustness.
- Collaborated cross-functionally with product, QA, and frontend teams to deliver high-quality, fully integrated features aligned with user requirements and system architecture.
- · Resolved system bugs and issues across multiple modules, increasing application stability and minimizing production downtime.
- Designed an interchangeable backend solution for workspace modules, promoting code reusability, faster feature rollouts, and streamlined development cycles.
- Actively supported production-level issue resolution, closing portal-related tickets to enhance user experience and ensure system responsiveness.

#### **Associate Software Engineer**

FootfallCam

#### 04/2023 - 03/2025

- Created detailed technical documentation and release notes to support long-term maintenance and knowledge sharing across teams.
- Built backend logic for component and device refurbishment workflows, improving automation and process efficiency in refurbishment operations.
- Led the successful migration of component logs from DRUID to Apache Doris, maintaining data integrity and improving performance on large data queries.
- · Optimized and maintained Node-Red flows, enhancing system automation and improving process efficiency across operations.

### IT Intern

Public Bank Berhad

#### 09/2022 - 12/2022

- · Managed change requests and played a key role in integrating APIs into the mobile app, ensuring seamless functionality
- · Developed and launched a user-favorite account feature, enhancing user experience and boosting engagement
- Designed and deployed post-transaction push notifications and messaging, improving user communication and feedback

## **Project Management Trainee**

Ansell Global Trading Center (Malaysia) Sdn Bhd

#### 09/2020 - 05/2021

- · Maintained and updated customer and plant records weekly, ensuring data accuracy and reliability
- Optimized file organization, improving efficiency and reducing time spent on data updates
- Developed and implemented automated data entry solutions in Microsoft Excel, enhancing productivity and minimizing manual errors

#### **PROJECTS**

## **MediBuddyAl**

Al-powered web application enabling doctors to manage patient schedules efficiently, send medication reminders, and streamline follow-up tracking.

REACT

**NEXT JS** 

**GROQ AI** 

SUPABASE

## **Restaurant Ordering System**

Web-based restaurant ordering system built as part of a university group project. It allows customers to browse the menu, add items to a cart, and simulate an order checkout.

HTML

css

JAVASCRIPT

JAVA

SQL

## **Booking & Ordering Management Application**

Flutter-based mobile app to streamline internal hotel and lab equipment management, enabling room bookings, service quotations, and food orders.

FLUTTER

DART

HTML

## **Mobile E-Commerce & Ordering App**

Native Android e-commerce application allowing users to add items to a cart, place orders, and store invoices, streamlining the shopping and order-tracking process.

ANDROID

NATIVE

JAVA

#### **EDUCATION**

Bachelor of Computer Science (Hons) Mobile Computing and Networking

UCSI University: Kuala Lumpur Campus

2019 - 2023

### **LANGUAGES**

Mandarin

NATIVE

English

**FLUENT** 

Bahasa Malaysia

**FLUENT** 

#### **REFERENCES**

Available upon request