TOH CHU XIAN (MARCUS)

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WORKING EXPERIENCE

Summer Region Sdn Bhd, Petaling Jaya   June 2023 – Nov 2024

Application Developer III
- Developed and maintained Hospital Information System (**HIS**), using **Java**, **jQuery**, and **SQL**, ensuring seamless operations.
- Integrated **label printers** using **Zebra** and **Eltron** programming languages. (**ZPL** & **EPL**)
- Led the integration of **LHDN e-Invoice** module with HIS, delivering it as an **individual contributor**.
- Provided **Level 3 support** to clients including **Cengild G.I. Medical Centre** and **UTAR Hospital.**
- Successfully reduced processing time of retrieving records by **60%** (30secs –> 5secs) through optimizations.

Projects
- Verano Hospital Information System (VHIS)

Cimation (M) Sdn Bhd, Kuala Lumpur   Aug 2020 – June 2023

Software Engineer
- Maintained, supported and developed **6** production systems.
- Integrated **SAP Interface** to **2** projects to enhance data synchronization, leading to improved operational efficiency.
- Developed and deployed **3 WinForms** to clients' production environment.
- Designed and implemented an **Android application** with **RFID** integration for **Chainway** devices, improving asset tracking efficiency.
- Experienced in **hardware** integration (**Impinj** Speedway Antenna Hub, **Atlas Copco**/**Celco** Tightening Controller)
- Involved in **2 databases schema** design.
- Led a team of **2 developers**, mentoring and overseeing project progress.
- Restructured SQL Queries to improve system performance by **30%.**

Projects
- **Honda** Yard Management System (YMS)
- **Honda** Change Control Management System (HCCM)
- **Inokom** Yard Management System (IYMS)
- **BMW** Visual Quality System (VQS)
- **BMW** Tightening Tools System
- **Proton** MES Stamping System

Quest Adaptation Sdn Bhd, Penang (Internship)   Feb 2019 – Aug 2019

Junior Software Developer
- Gained hands-on experience in C# and VB programming.
- Learned **SECS/GEM** communication protocol.
- Integrated a **web dashboard** with **Omron** Temperature Controller, enhancing monitoring capabilities.

EDUCATION

University of Malaya (UM), Kuala Lumpur   Expected Completion: Jan 2026
    Master In Data Science

Universiti Sains Malaysia (USM), Penang   Sep 2016 – Sep 2020
    Bachelor of Computer Science (Honours)
    CGPA: 3.46

SKILLS

Programming languages: C# (3 Years), Java (3 Years), JavaScript (3 Years), SQL (3 Years), VB.Net, ZPL, EPL
Computer software/frameworks/tools: jQuery, React, SQL Server, Oracle, SQLite, Android Studio, Antenna, Tightening Controller, Chainway RFID
Languages: English (**Proficient**), Malay (**Proficient**), Mandarin (**Native**)