

# Jacky Ten Yue Han

Cell phone : +60-168907639  
E-mail : yuehanx12345@gmail.com



## Working Experience

### ***MNRB HOLDINGS BERHAD***

***2024 March- Present***

**Assistant Vice President (AVP) – ICTD Data Engineer**

#### **Job Responsibilities/Experience:**

- Collaborated with business analysts, actuaries, and vendors to gather and analyze requirements for data solutions.
- Led the design, development, and implementation of data models, coordinating with internal teams and external vendors to ensure alignment and quality.
- Managed ongoing operational support, including data model maintenance, governance, diagnostics, and issue resolution.
- Ensured data security by controlling user access and safeguarding sensitive information.
- Partnered with business stakeholders to enhance data literacy and foster a data-driven culture.
- Provided mentorship and guidance to junior team members, promoting skill development and knowledge sharing.
- Designed and involved in designing internal Enterprise Data Warehousing solution
- Assist Vice President on managing operational workflow and project management
- Participated candidate screening on team building formation and expansion
- Responsible as a support lead for internal system and perform vendor management across support and maintenance across the business users.

### ***TTMS SOFTWARE SDN BHD @ FUSIONEX GROUP***

***2023 July- 2024 Feb***

**BI (Business Intelligence) Consultant / Senior BI (Business Intelligence) Developer**

#### **Job Responsibilities/Experience:**

- Developed Enterprise Data Warehouse for an esteemed Insurance Holding company, leveraging cutting-edge Database Creation and Setup techniques with Microsoft SQL Server 2022.
- Provided mentorship to junior developers, guiding them through the intricate process of developing robust ETL solutions using SSIS in Microsoft Visual Studio 2022.
- Directed the skill development of junior developers by providing guidance in

crafting sophisticated Model creation solutions using SSAS within Microsoft Visual Studio 2022.

- Led the development and guided junior team members in creating and implementing intricate Microsoft SQL queries, seamlessly integrating them on top of ETL processes and within the SSIS framework.
- Pioneered the establishment of a streamlined Microsoft Azure DevOps solution for version control, seamlessly integrated with Microsoft Visual Studio 2022, ensuring enhanced collaboration within the development team.
- Drove the development and provided strategic guidance for the implementation of a comprehensive Microsoft PowerBI solution and dashboard, enabling intuitive and impactful data visualization.
- Set up and took responsibility for the setup and management of ETL job schedules using Microsoft SQL Agent Jobs, meticulously planning for various error handling scenarios to ensure operational excellence.
- Fostered close collaboration with internal Business Analysts and client-site users, actively participating in understanding and translating user requirements from the Data Warehouse to Microsoft PowerBI reporting and dashboards.

#### ***X-FAB SARAWAK SDN BHD***

***2023 Jan- 2023 July***

**Senior IT Data Engineer /Senior BI (Business Intelligence) Developer**

***2019 Jan-2022 Dec***

**IT Data Engineer /BI (Business Intelligence) Developer**

#### **Job Responsibilities/Experience:**

- Handled massive Operation Fab data with MSSQL Database and maintain data warehousing solutions.
- Experienced in using Microsoft SQL Server 2012/2017/2019 and server maintenance tasks.
- Researched and developed the new operation Fab Map solutions using PowerBI with custom visuals solution to replace the legacy web application and being used in the entire fab for more than 800 users.
- Built ETL Processes for integrating data/data cleansing/manipulation/logic creations with SSIS and SQL queries from various data sources and load it into data warehouse.
- Developed and maintained data models that support the needs of the user requirements, ensuring data consistency and accuracy across multiple systems using Microsoft technology stack (SSAS) for PowerBI reporting usage.
- Expertise in using MSSQL, MySQL, Oracle SQL and PostgreSQL for data queries and manipulation.
- Experienced in using Microsoft SQL Agent Jobs for jobs automation/scheduling/email notifications.
- Collaborated with data scientists and data analysts to develop data-driven insights and support respective applications for data retrieval/queries.
- Planned and designed the version control plan for the entire BI team using Azure DevOps/Team Foundation Server (TFS) using Microsoft Visual Studio
- Conducted performance tuning and optimization of database queries and data pipelines.

- Support local and global users (Europe) with designing and development of various visuals with PowerBI reports.
- Generated/Developed measures and translate into necessary formula/logic using DAX language in analytic model with SSAS for PowerBI
- Involved in operations fab Overall Equipment Efficient (OEE) data calculations/complex logic creations to support PowerBI data analysis which includes Rate Efficiency/Operation Efficiency/Machine Availability/Rate Losses/etc.
- Worked closely with many operational/module/Industrial engineer users to understand and translate all the requirements from users for PowerBI reporting.
- Experienced with developing PowerOn solution as additional plug-in UI within PowerBI reporting for users to perform direct write-back into database using PowerOn custom visuals and implementation of MSSQL triggers at the backend.
- Troubleshoot/Data testing and collaborate with key users before deployment.
- Experienced with PowerBI cloud services, workspace and dataset deployment and gateway connection configurations.
- Experienced with Power Platform such as integrating PowerApps, Power Automate with PowerBI reporting.
- Maintained several in-house PHP legacy web applications
- Involved in Database administration tasks that includes:
  - o Create and maintain the database schemas, tables, views, user account and other database objects that are required for storing and retrieving data.
  - o Monitor the performance of the database system, analysing metrics such as CPU usage, disk space, and memory usage to identify and resolve performance issues.
  - o Identify and implement strategies to optimize database performance, such as indexing, query tuning, and database partitioning.
  - o Experienced with Microsoft SQL server upgrade and PowerBI report server On-Premised Upgrade and make sure it always kept up to date with latest features available.
  - o Monitor, and work closely with Data Networker to perform database backups to secure/archiving massive historical data for safety and housekeeping purpose.

## Education

Swinburne University of Technology Sarawak Campus

**Bachelor's degree of Computer Science**, April 2019

**Foundation Studies (Information Technology/Multimedia)**, completed 2016.

CGPA: 3.0/3.19

SMK Kuching High, Kuching

Secondary School, graduated 2014

## Honours and Awards

Swinburne University of Technology Sarawak Campus

Participated MASISWA competition for Table Tennis, 2015

Participated MASISWA competition for Table Tennis, 2017

(Won Bronze for Men Single and Bronze for Mix Double)

SMK Kuching High, Kuching

President of Chinese Chess and International Chess Club, 2013 - 2014

Vice President of Table Tennis Club, 2014

School Prefect, 2013 - 2014

Treasurer of Chinese Chess and International Chess Club, 2013  
Second runner-up, Table Tennis Competition (School), 2014

## **Fluent languages (written/spoken)**

English, Mandarin, Malay

## **Professional Profile**

Strong sense of responsibility

Good interpersonal communication and collaboration skills

Dedicated with a positive attitude

Diligent

Excellent analytical, problem-solving and critical thinking skills

## **Computer Skills**

Microsoft Office (PowerPoint, Word, Excel, etc.)

Microsoft Platform (PowerBI, PowerApps, Power Automate)

PowerOn (add-in for PowerBI to write back data)

Microsoft Visual Studio

Software Development

Web Development

## **Technical (IT) Skills / Experiences**

T-SQL,

Data Warehousing,

Microsoft SQL/Oracle SQL/MySQL/Postgres SQL,

DAX programming Language

SQL Server Integration Services (SSIS) with Microsoft Visual Studio (ETL),

SQL Server Analysis Services (SSAS) with Microsoft Visual Studio (Tabular Model/Cube),

Microsoft PowerBI/Reporting

Microsoft Azure DevOps/Team Foundation

Server/GitHub,

Database Administration,

Visual Basic,

C programming,

C# Programming,

C++ programming,

HTML,

CSS,

PHP