

## PERSONAL DETAILS

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Name : Tan Kai Sin  
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Portfolio : <https://kaylatks-tankaisinportfolio-home-3p7r4o.streamlit.app/>



## COMPUTER SKILL

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- Programming Language: SQL, T-SQL, Visual Basic for Application, Python
- Tools: SSRS, MS SQL Server 2014, MS Excel, CRM, Visual Studio 2012, SAP Crystal Report, Tableau
- Open-source library: Selenium, Tesseract Open-Source OCR Engine, Git, GitHub

## WORK EXPERIENCE

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Sept 2020 –  
Present

Data Engineer

*Nettium Sdn. Bhd.*

- Introduced to the team and constructed the automation process to reduce the time taken to process the whole existing manual process from Login to the website > Web scrap data from multiple page > data cleansing and tallying work with Microsoft Excel. From 1 hour to 15 minutes.
  - Wrote the Macro function to automate the manual MS Excel's Vlookup, data cleansing, data filtering, copying sheets from different worksheets to 1 worksheet, and file importing from CSV to XLSX.
  - Introduced to the team and used open-source library called Selenium with MS Excel, in order to perform web scraping to capture the table's data from HTML element into MS Excel sheets. Results: automate the process of manual copying data from 50 pages from webpage to MS Excel sheets.
  - Suggested and used open-source library called Tesseract Open Source OCR Engine to convert captcha code image to text. Results: automate the process of manual login into the webpage.
- Assisted in creating the report by using SSRS
- Provide UAT test when new product launched
- Provide support to stakeholder when the issue arises (eg: product issue, report error, data not tally)

March 2020 –  
Sept 2020

### **Technical Specialist**

*MiHCM Asia Sdn Bhd*

- Main responsible in data migration and support client when issue arise.
- Assisted in creating SQL query script for data migration and data accuracy check in Remote Test Server.
- Assisted in creating system report by using SSRS.
- Assisted in testing application to find the bug and data accuracy.
- Provide support to client when the issue arises (eg: report error, data isn't show up in application).
- Application Used: SSRS, MSSQL 2012 and MSSQL 2017, Remote Test Server

March 2018 –  
Feb 2020

### **Data Coordinator**

*QS Enrolment Solutions Sdn.Bhd.*

- Main responsible is to ensure client's data is updated and correct before upload into CRM.
- Assisted in creating Macro to do data cleansing in Microsoft Excel. Example Macro that perform auto V-look up, if else conditions, and data formatting.
- Provide support during issues arise related to incorrect data in CRM.
- Knowledge on Robotics Process Automation.
- Application Used: Microsoft Excel 2016, CRM.

Feb 2017 – July 2017

### **SAP Technical Consultant Intern**

*Aspert Innovations Sdn Bhd*

- Creating stored procedure for Crystal Report with SQL Server 2014.
- Assist in develop automation function for report format conversion with VB.NET
- Assisted in providing technical support to client.
- Application Used: MS SQL Server 2014, MS Visual Studio 2012, SAP Crystal Report

## EDUCATION

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2015 – 2017

**Bachelor Degree of Information Systems (Honours) in Enterprise Information Systems.**

*Tunku Abdul Rahman University College.*

- Object-Oriented Programming, Data Structures & Algorithms, Data Warehouse Technology, Business Intelligence, Enterprise Systems, Business Process Management, Software Project Management.
- CGPA : 3.2/4.0.
- Final Year Project: Data analysis with RapidMiner & Tableau for visualization.

2013 – 2015

**Diploma In Science (Business Information Systems)**

*Tunku Abdul Rahman University College.*

- Database Development and Applications Programming, Enterprise Resource Planning

## LANGUAGE

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- English
- Mandarin