# LOW JIN KANG

**-------------Software Support Engineer -----------------**

*A responsible engineer with logical thinking and problem-solving, looking forward to building an exceptional career by bringing value to your prestigious organization that would utilize my skillsets.*

## Experience

**Always Marketing Sdn Bhd**                                                      Kuala Lumpur
Software Support Engineer                                                      May. 2023- Present
- Develop the SQL scripts to do setup configuration, import data, extracting reporting and solve daily problems arising from production & business operations
- Troubleshoot the problems and fix the stored procedure if necessary.
- Develop tools (rotate photos, recover images and records)
- Writing python scripts to extract data from webpage and import data from cvs file
- UI testing after every setup
- Use Json to create Questionaire Setup/ planogram setup
- Deploy web services when new projects start
- Use Google API to find out the Geolocation for those imported outlets

**Technologies:** SQL, Python, C# (WinForm)

**KL Connect Sdn Bhd**                                                      Shah Alam, Selangor
System Engineer                                                      May. 2021- Sept 2023
- Ensure the system/operation are successfully implemented a per business expectation
- Understand each tire specification (tire size, tire pattern, the type of vehicle)
- Gather and analyze business requirements
- Design an overall system workflow for logistic, warehouse, customer service, order management system
- Write proper product/system requirement documentation/specifications
- Software testing (Only functional testing)

Technologies: SQL, Python, Figma
Role: UI/UX designer, System Workflow Designer

**EPS sdn bhd**                                                      Butterworth, Penang
PCB Design Engineer                                                      Feb 2019- December 2019
- Understanding the multilayer PCB design (2-18 layers)
- Schedule planning for design deliverables and assembly ordering
- Control PCB quality and testing

**Unisem**                                                      Simpang Pulai, Perak
Intern – Production Engineer                                                      June 2015- September 2015
- Chemical Product quality checking
- Perform lab analytical testing
- Perform daily on-site routine and maintenance of equipment units
- Performs data research, compilation, analysis and technical report writing

## Projects

**Web Development** (HTML, CSS) – Self Practice
- Design static webpage
- Design responsive webpage

**Data Extracting** (Python) – Self Practice
- Use beautifulsoup to extract data from jobstreet.com

**YouTube Downloader** (Python) – Self Practice
- Download videos or music from YouTube

**Setup Configuration** (Python & SQL)
- Use import script to insert data into temp table
- Use script to extract data from excel sheet for software engineer to do data mapping
- Run SQL script to auto-insert, auto update, configuration setup, and task creation
- Run script for validation check

**Import Data** (Python)
- Extract data from words file
- Data processing (Extract area, state, postcode from each address)
- Use Google API to get geolocation (latitude, and longitude)
- Save as csv
- Use import script to insert data into table

**Recover photos and recover records** (Python)
- Get the photo filename from Azure Blob Storage and compare to the photo filename recorded in the photo table
- Find out the missing photo filename
- Automatically create records and trigger the developed auto-recover process

**Rotate Photos** (C# Winform)
- Use blobUriBuilder library to get a specific blob object
- Convert image to byte array to get all important information
- Rotate and save

**Table Design**
- Create new database for new tenant setup
- Customize the table design if necessary for certain tasks
- Use JSON to create questionnaire setup

**Design Warehouse and logistic Portal and its backend logic** (Figma and documentation)
- The overall workflow – how portal and application interact
- The backend logic – the interaction between each table

# Skills

**Programming Languages**
- Python (Basic)
- SQL (Intermediate)
- CSS
- C# (WinForm Basic)
- HTML

**Databases**
- MSSQL

**IDE**
- Pycharm
- Visual Studio Code

**Other**
- Figma
- Drawio
- Matlab
- Altium Designer
- Aspen Hysys
- Autocad

**Non-Technical Skills**
- Team-working
- Task-oriented
- Detailed-oriented
- Quick Learning

**Languages**
- Mandarin
- Cantonese
- Malay
- English

# Education

Master's Degree (Hons) in Chemical Engineering     University of Nottingham Malaysia Campus

- **Score:** Second Upper (67%) (Overall)

## Academic Project and Research

- 3rd Year Group Project: Design of Dimethyl Ether Chemical Plant
- 4th Year Design Project: Advanced Design Project of Multi-tubular Chemical Reactor
- 4th Year Research Project: Effects of Different Drying Methods on Product Quality of Lemon Myrtle (Backhousia Citriodora) Leaves

## Co-Curricular Involvement

- Sponsor Committee in Nottingham Economic Society
- Work and Travel in the USA (2017 & 2018)
- Nottingham Advantage Award

# Achievements

- Self-learning HTML, CSS, Javascript
- Self-learning knowledge about Information Technology
- Participated in Chinese History Competition (top 10)
- Participated in China summer campaign

# Contact

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