

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 Questionnaire 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)
SPM/STPM

SMK (J) SAM TET

• **Score:** 9A's in SPM • 4A in STPM

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
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Co-Curricular Involvement

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

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

Location: Kuala Lumpur, Malaysia
Email: lowjinkang@hotmail.com
WhatsApp: 010-3816374
LinkedIn: [https:// www.linkedin.com/in/lowjinkang/](https://www.linkedin.com/in/lowjinkang/)
Github <https://github.com/jinkanglow>

REFEREE

Dr. Suchithra

Thangalazhy Gopakumar

Suchithra.Thangalazhy@nottingham.edu.my

Department of Chemical and Environmental
Engineering,

The University of Nottingham Malaysia

Campus,

Jalan Broga, 43500 Semenyih,

Selangor Darul Ehsan, Malaysia.

Contact Number : 03-8725 3635

Prof Law Chung Lim

chung-lim.law@nottingham.edu.my

Department of Chemical and

Environmental Engineering,

The University of Nottingham Malaysia

Campus,

Jalan Broga, 43500 Semenyih,

Selangor Darul Ehsan, Malaysia.

Contact Number : 03-8924 8169

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