LOW JIN KANG

--------------------System Engineer --------------------

A dedicated, self-motivated, and responsible engineer with logical thinking, problem-solving, quick learning, and good communication skills (Mandarin, Cantonese, Malay, English), looking forward to building an exceptional career by bringing value to your prestigious organization that would utilize my skillsets as a system engineer. I am an enthusiast and a flexible person who can work well both independently and within a team. Also, a passionate person who is always willing to learn and explore technologies in the Information Technology Field.

Contact

Location:	Ipoh, Malaysia
Email:	lowjinkang@hotmail.com
WhatsApp:	010-3816374
LinkedIn:	https:// www.linkedin.com/in/ lowjinkang/

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

- Awarded as volunteer for the refugees
- Self-learning knowledge about Information Technology

Projects

May 2021-August 2022 (KL Connect Sdn Bhd)
Operations Management
(System Engineer cum Operation)

- Ensure the system/operation are successfully implemented a per business expectation
- Team-working (communicate and follows-up with sales, customer services, account, and other cross-functioning departments)
- Study the concept of the application of the machine learning, artificial intelligence, algorithms for the future operational process
- Study the scrap recycling for the future business expansion
- Understand each tire specification (tire size, tire pattern, the type of vehicle)
- Study the warehouse space utilization rate and design an overall warehouse storage layout for each tire category at low cost (with the consideration of safety stock, reorder point, promotions, seasonal profile)
- Maintain the operational data via an API (Add, drop, create customers based on their individual route)
- Design a schedule for warehouse's loading & unloading activities
- Manage 3 big trucks, 13 small trucks, a team of van drivers, and operators
- Derive a methodology to count the commission for each van driver
- Apply leaves, medical claims, and others HR tasks

Role: Business Operation Manager, System Engineering

Technical Skills

Programming Languages
- Python (Basic)

Pattern
- Event-sourcing

Databases
- MySQL (Basic)

IDE
- Pycharm

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

Non-Technical Skills
- Adaptability
- Endurance
- Respect
- Follow
- Detailed-oriented
- Task-oriented
- Quick Learning
- Team-working

Other Experiences
- Participated in Chinese History Competition (top 10)
- Participated in China summer campaign

Languages
- Mandarin
- Cantonese
- Malay
- English

System Design: Logistic Management/Warehouse Management/Customer Service Order Management System (KL Connect Sdn Bhd)

(System Engineer)
- Gather and analyze business requirements
- Design an overall system architecture for logistic, warehouse, customer service order management system
- Design proper system flows
- Build user interface design for portals and applications
- Write proper product/system requirement documentation/specifications
- Software testing (Only functional testing)
- Extract some data from webpages (Selenium, beautiful soup, Numpy)
- Prepare the effective standard operating procedure
- Deploy the apps and portal either on the tablets or desktops
- Maintain the tablets with the aid of hardware team

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

October 2022 – March 2021 (TSC Express Sdn Bhd)

(Sales Coordinator)
- Follow up closely every shipment
- Deal with the customers, agent, and transporters

March 2019 – December 2019 (**EPS sdn bhd)**

(PCB Design Engineer)
- Understanding the multilayer PCB design (2-18 layers)
- Schedule planning for design deliverables and assembly ordering
- Control PCB quality and testing

June 2015 – September 2015 (Unisem)

(Intern – Production Engineer)
- 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

REFEREE

Dr. Suchithra Thangalazhy Gopakumar	**Prof Law Chung Lim**
Suchithra.Thangalazhy@nottingham.edu.my	chung-lim.law@nottingham.edu.my
Department of Chemical and Environmental Engineering,	Department of Chemical and Environmental Engineering,
The University of Nottingham Malaysia Campus,	The University of Nottingham Malaysia Campus,
Jalan Broga, 43500 Semenyih,	Jalan Broga, 43500 Semenyih,
Selangor Darul Ehsan, Malaysia.	Selangor Darul Ehsan, Malaysia.
Contact Number : 03-8725 3635	Contact Number : 03-8924 8169