



Jinq Jia, Lim

(Isaac Lim)

Software Developer

isaacjimjj@gmail.com

(+60)12 701 2217

<https://isaacjim.netlify.app/>

www.linkedin.com/in/isaacjimjj

<https://github.com/IsaacLim>

Shah Alam, Malaysia

21 December, 1995

Versatile chemical engineer skilled in technology and business translation, with a talent for ideation and problem-solving. Recognized as a key contributor to the award-winning cloud kitchen solution that received the 2022 MYStartup Award from Cradle Fund. Possesses a passion for creative thinking and a drive to deliver innovative solutions that exceed client expectations.

Key Programming Languages and Technologies Exposure

TypeScript

React

NextJS

NestJS

Prisma

tRPC

PostgreSQL

C Programming

C++

Unix

Python

Virtual Machine

Figma

Work Experience

Junior Full Stack Developer

Mindworks Interactive SDN. BHD.

03/2022 - Present

Kuala Lumpur, Malaysia

Achievements / Tasks

- Developed an award-winning cloud kitchen platform and point-of-sale (POS) system of RM750,000 within a year.
- Integrated tools and services such as progressive web apps (PWA) and Segment.io to enhance the business value of our product.
- Responsible for the team's code review and application deployment.
- Engineered web-based application utilizing Typescript, NextJS, NestJS, tRPC, Prisma and PostgreSQL.

Process Engineer

Kossan Latex Industries (M) SDN. BHD.

08/2019 - 11/2020

Klang, Malaysia

Achievements / Tasks

- Developed various solutions that provided natural gas savings up to 10%.
- Identified and designed strategies for the reduction of energy losses in utility systems, such as compressed air, chiller, and thermal oil system, using root cause analysis.
- Provided training on compressed air system (basics) for technicians, engineers, and managers.
- Coordinated projects with multiple departments by communicating closely with all technicians, engineers and managers involved.
- Prepared and presented engineering documents to upper management for key decision making.



Engineering Sales Consultant

Keyence (Malaysia) SDN. BHD.

03/2019 – 07/2019

Petaling Jaya, Malaysia

Achievements / Tasks

- Generated quality leads for high ticket closing weekly.
- Maximized opportunities for securing potential prospects through 100 outgoing phone calls daily.
- Provided product demonstration and technical consultation with key decision makers in the market to manage and develop trusting relationships.
- Processed new information and formulated solutions spontaneously for clients.

Education



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Sunway University

04/2021 – 04/2022

Subang Jaya, Malaysia

- Peer-to-peer learning community that fostered my ability to self-learn in the computer science industry through exposures in virtualization, network and system administration, basic game development, and Unix.



Bachelor of Science, Chemical Engineering

Minor: Mathematics Emphasis: Life Sciences

Overall GPA: 3.28

Western Michigan University

01/2015 – 04/2018

Michigan, United States

- Produced a computer simulation model for the determination of Hansen Solubility Parameters for bioactive solutes in chosen green solvent(s) for senior design project.
- Advance courses taken includes Computer Modeling & Simulation in Chemical Process; Plant Economics & Project Design; Brain Function, Health & Diseases; Microbiology & Infectious Diseases.



Pre-Engineering

Sunway University

01/2013 – 12/2014

Subang Jaya, Malaysia

Accolades

Deither H. Haenicke Scholarship (01/2015 – 04/2018)

Certificates

Python Course Completion (11/2020)

Obtained 5 certificates from Coursera

Safety and Chemical Engineering Education

(SACHE) (09/2015 – 01/2018)

Obtained 7 certificates from SACHE certificate program

Professional Memberships

Board of Engineers Malaysia
(08/2019 - Present)

American Institute of Chemical Engineering
(09/2015 - Present)