

KUEK SZE KIAT

Junior Software Developer

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[Portfolio-Website](#)

ABOUT ME

I am currently looking for a position as a Software Developer in full-stack development as part of my career path. As a graduate with a First-Class Honours degree in Chemical Engineering, I possess an excellent capacity to work independently and to take an innovative approach while demonstrating a strong sense of teamwork.

EDUCATION

TalentLabs Bootcamp

October 2022 – November 2022

Foundation Certificate in Software Engineering

- Created a 2-player terminal-based tic-tac-toe using JavaScript which is playable on either Window or Mac.
- Studied Titanic Passengers Survival Rate using SQLite and deduced the relationship between gender, economic status and etc. with survival rate.
- Built responsive web CV using HTML and beautifying it with CSS and Bootstrap

Universiti Tunku Abdul Rahman

October 2016 – October 2020

Bachelor of Engineering (Honours) Chemical Engineering (CGPA: 3.74/4.00)

- Final Year Project – Developed a Fortran Subroutine in Aspen Plus for Simulation of Pervaporation Process for Binary Mixtures. Managed to simulate the process successfully with a percentage error of 5%.
- Developed a terminal-based application to manage the bookstore inventory with C++ which able to save at least 50% of the storekeeper inventory checking time. Utilised read and edit on txt file as an inventory checklist.

WORK EXPERIENCE

Top Glove Corporation Bhd.

March 2022 – October 2022

Process Engineer

- Carry out projects and research related to process improvement, cost savings and optimization to produce high quality products at efficient low cost.
- Collaborating with all levels of organization in implementing new/ existing project to all the factories
- Automated glove sampling process and provided tailored chemical dosing system to improve glove weight control.
- Worked in a team of 4 to show glove weight data in PowerBI, providing data validation and visualisation for user.
- Introduced Real Time Measurement of Latex TSC% data using Brixmeter and achieved an accuracy of $\pm 0.2\%$.

SOFTWARE PROJECTS

2-player terminal-based tic-tac-toe

[Source Code](#)

Responsive Portfolio Website

- Created a personal portfolio website using HTML, CSS, JavaScript, Bootstrap, and jQuery (Typed and Owl Carousel) and successfully published the pages on GitHub.

[Website](#)

Instagram for Animals Web App

- Developed a responsive Web App of Animals Instagram with React.js, HTML, CSS and React Bootstrap and successfully displayed Cats and Dogs data fetched from respective API.

[Website](#)

Fortran Subroutine for Aspen Plus

[Source Code](#)

PROGRAMMING SKILLS

JavaScript

HTML

CSS

Bootstrap

React.js

SQLite

Github/GIT

Cloud Service (AWS)

C++

Fortran