

HOH KOK YOUNG

SOFTWARE ENGINEER

Selangor, Malaysia

Graduated in the software engineering field at APU, awarded as the best student, and has been specialising web applications development ever since. Desirous of thought-provoking challenges and incessant exploration in new insights, especially back-end development and solution architect techniques.

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github.com/hohkokyoung linkedin.com/in/hohkokyoung

hohkokyoung.github.io/e-resume

EDUCATION

BSc (Hons) in Software Engineering

Dual Degree | Asia Pacific University & Staffordshire University | Aug 2019 - Dec 2021

First Class Honours & Best Student Award

CGPA: 3.93

Diploma in ICT (Software Engineering)

Asia Pacific University | May 2017 - May 2019

CGPA: 3.97

PROFESSIONAL EXPERIENCE

Junior Backend Engineer

RedSquare Software | Aug 2021 - Present

Achievement: Contributed significantly to a medium-sized CMS/E-commerce web & mobile application with a comprehensive reporting dashboard for the ChinaPress clients. mywheels.my

- Develop and integrate numerous APIs to accommodate different website displays.
- Document important business operations and code functions to ease future implementation and communication.
- Liaise with project managers to ensure feasible yet satisfactory feature expectations.
- Seek advice and insights from seniors regularly to make sure proper programming principles and practices are upheld.
- Propose appropriate software diagramming practices to streamline communication between the team.
- Exercise hybrid methodology including Kanban and Scrum with retrospective suggestions to further refine development process.
- Develop multiple background tasks to automate interval updates.
- Provide upper management from time to time on several solutions, detailed with respective pros and cons to mission-critical problems.

Achievement: Took over and single-handedly completed a half-finished online courses booking web application catered to SMEs using Django, as well as AJAX to improve overall user experience. [capedia.com](#)

- Develop the application thoroughly using MVC principles.
- Refactor old codebase to prevent wasteful resources on subsequent implementation.
- Make decisions regularly on selecting the most pragmatic implementation that conforms to the technical requirements and tight schedule.

Software Engineer Intern

RedSquare Software | Jul 2020 - Nov 2020

Achievement: Learned and helped develop a mobile-focused application designed to gather online talents and entertainers, built using React Native.

- Integrate several APIs to respective mobile pages.
- Improve application performance and user experience significantly by incorporating transitions and animations, reducing component rendering, applying pagination and segregating API calls.
- Document user manual to properly guide the application usage to the clients.



PERSONAL PROJECT

Cyberbullying Detection System using Machine Learning

Final Year Project

Project: A web-based system that detects code-switching (English & Malay) cyberbullying messages on Twitter in Malaysia using sentiment analysis, allowing government agencies and NGOs to monitor them.

- Clean dataset through preprocessing the data, removing the stopwords and lemmatizing the words.
- Perform exploratory data analysis to identify outliers and imbalance of dataset.
- Tokenize, train, test and compare models built using machine learning and deep learning algorithms.
- Scrape, classify, calculate and illustrate cyberbullying tweets in interactive graphs on the website, including bar and map chart.



TECHNICAL SKILL

Frontend

HTML



CSS



JavaScript



Bootstrap



React Native



Flutter



Backend

Python



Django



Wagtail



GraphQL



REST API



AWS



Java



AI

Matplotlib



Keras



Scikit-learn



LANGUAGE

English

Mandarin

Bahasa Melayu



INTEREST

Video Games

Badminton

Japanese Music