

# CHUN CHANG HERNG (JADEN)

## Flutter Developer

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### WORK EXPERIENCE

#### Flutter Developer

June 2023 - Present

PayRecon/CTH Commerce Sdn Bhd

*PayRecon is a SaaS provider for POS (Point of Sale), WMS (Warehouse management system), and OMS (Order management system) across e-commerce platforms.*

- Developed and maintained IOS and Android app for:
  - POS(Point of Sales) system for retails shops.
  - Chat management app, providing centralize chat management across e-commerce platforms.
- Developed customer service chatbot leveraging Retrieval-Augmented Generation (RAG) technique with LangChain and LangGraph in Python.
- Developed backend functions with NodeJS to supports the chat management app.
- Improved POS system reliability by implementing offline-first concept with sqflite local databse.

#### Software Engineer Intern & Part Time Programmer

June 2021 - Sept 2022

12Make Sdn Bhd

*12Make Sdn Bhd provide services ranging from 3D-printing, engineering solutions to software design and development.*

- Data entry and maintain a web based services for COVID-19 testing appointment and result management.
  - Develop an organization chart editing web app as an extension for an existing Operation Management System(OMS).
  - Write Python script to automate task for Microsoft Word and Excel.
  - Study and research on object detection model to detect glove in production line.
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### EDUCATION

#### BSC (HONS) IN SOFTWARE ENGINEERING

Feb 2020 - Feb 2023

Asia Pacific University of Technology & Innovation (APU)

CGPA: 3.14

- Object Oriented Programming(OOP) with Java
  - Design and Develop Application on Cloud
  - Concurrent Programming
  - Requirements Engineering
  - Concurrent Programming
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### PERSONAL PROJECT

#### Portfolio Website

Responsive and clean website for self-introduction. The website is built with React and Framer Motion library to deliver a smooth user experience.

#### Real time subtitle generator - Final Year Project

A desktop app written in C++ to generates multi languages subtitles in real-time. Implemented Microsoft's Azure speech-to-text and translation services to provide speech recognition and translation in real-time.

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### TECHNICAL SKILLS

**Flutter:** platform channel, work manager, provider, riverpod, bloc, sqflite, shared preference, localization, http

**Tools & Services:** Figma, DhiWise, Github, Android studio, Xcode, Firebase, Google Cloud Platform

**Programing languages:** Flutter/Dart, Java, Javascript, Python, HTML/CSS, PHP, C++