

# CHUA Yan Yan

Software Developer

## CONTACT DETAILS

**Email:** [yanc3093@gmail.com](mailto:yanc3093@gmail.com)  
**Phone:** +65 80404797  
**Address:** Singapore 650258  
**Profile:**  
[linkedin.com/in/yanc3093](https://www.linkedin.com/in/yanc3093)  
**GitHub:**  
<https://github.com/yanc3093>  
**Portfolio:**  
<https://chua-yan-yan.vercel.app/>

## TECHNICAL SKILLS

Python	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
SQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
Dart	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
JavaScript	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
R	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
MATLAB	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
Java	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced Beginner</div>
C	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced Beginner</div>
Flutter	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
NodeJS	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
ReactJS	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
HTML	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
CSS	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
Tableau	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>
Vega-Lite	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced Beginner</div>

## LANGUAGES

English	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
Mandarin	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Malay	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>

## PROFESSIONAL SUMMARY

A passionate and driven software developer with 2 years of experience in building cross-platform applications using Flutter and NodeJS. Proficient in Python, SQL and R for data analysis, with a strong focus on deriving actionable insights. Known for strong problem-solving abilities, a keen eye for detail and a commitment to continuous improvement.

## EDUCATION

<b>Jul 2020 - Nov 2022</b>	<b>Bachelor of Computer Science in Data Science</b> Monash University, Malaysia <ul style="list-style-type: none"><li>Transferred from University of Melbourne after completing the first year</li><li>Grade Point Average (GPA): 3.647 / 4.0</li></ul>
<b>Jul 2019 - Jun 2020</b>	<b>Bachelor of Science</b> The University of Melbourne, Australia <ul style="list-style-type: none"><li>Completed first-year coursework</li><li>Weighted Average Mark (WAM): 82 / 100</li><li>Transferred to Monash University</li></ul>

## WORK EXPERIENCE

<b>Apr 2023 - Present</b>	<b>Software Developer</b> Mlion Corporation Pte Ltd, Singapore <ul style="list-style-type: none"><li>Developed GoBendid, a tablet app designed to digitise operations for the company's pipe bending factory in the Philippines, aimed at improving business processes across multiple functions.</li><li>Designed and implemented CRUD modules in the app to assist managers in handling customers, suppliers, sales orders, purchase orders, deliveries, inventories, facilities and employees.</li><li>Designed and implemented the Operations Management module, the core feature of the app, enabling factory floor operators to view assigned tasks, update work progress, and adhere to SOPs via tablets.</li><li>In the initial stage of the project, implemented the frontend using Flutter and the backend with NodeJS. Later, transitioned the backend to leverage Odoo's external API for enhanced functionality, scalability and flexibility.</li><li>At the end of each 3-week sprint, conducted thorough testing of the app and deployed the iOS tablet app to TestFlight.</li></ul>
<b>Nov 2021 - Feb 2022</b>	<b>Data Scientist Intern</b> Pengurusan Air Selangor, Malaysia <ul style="list-style-type: none"><li>Supported immediate supervisor in various data science projects under his charge.</li><li>Assisted in data cleaning and preparation.</li><li>Performed exploratory data analysis (EDA) using PySpark in Azure Databricks to discover patterns and spot anomalies.</li><li>Researched and identified potential models and algorithms for specific problems.</li></ul>