

CHUA Yan Yan

Full Stack Software Developer

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GitHub: <https://github.com/yanc3093> Portfolio: <https://chua-yan-yan.vercel.app>

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. Known for strong problem-solving ability, a keen eye for details and a commitment to continuous improvement.

SKILLS

- Frontend: Flutter, React.js, HTML, CSS
- Backend: Node.js, Express.js
- Data Analysis: Python, SQL, R, MATLAB
- Data Visualisation: Tableau, Vega-Lite
- Tools: Git, VS Code, Postman, Insomnia, Swagger
- Others: RESTful APIs, Agile Development

WORK EXPERIENCE

April 2023 - April 2025

Software Developer

Mlion Corporation Pte Ltd, Singapore

- 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.
- Designed and implemented CRUD modules in the app to assist managers in handling customers, suppliers, sales orders, purchase orders, deliveries, inventories, facilities and employees.
- 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.
- 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.
- At the end of each 3-week sprint, conducted thorough testing of the app and deployed the iOS tablet app to TestFlight.

November 2021 - February 2022

Data Scientist Intern

Pengurusan Air Selangor Wilayah Kuala Lumpur, Malaysia

- Supported immediate supervisor in various data science projects under his charge.
- Assisted in data cleaning and preparation.
- Performed exploratory data analysis (EDA) using PySpark in Azure Databricks to discover patterns and spot anomalies.
- Researched and identified potential models and algorithms for specific problems.

EDUCATION

July 2020 - December 2022

Bachelor of Computer Science in Data Science

Monash University, Malaysia

- Grade Point Average (GPA): 3.647 / 4.0