



DAN MO

WEB DEVELOPER

SUMMARY

Committed beginner web developer looking to further my development skills and start a career in IT industry. Former early childhood teacher with rich experience in supporting children and families with additional needs. Team player with an eye for detail.

PROJECTS

MERN-STACK STICKER SHOP WEB APP

- A web application for a sticker shop built with MERN stack and deployed using Railway. Project completed in a team of two.
- Features: Customers can view and filter a list of products, click each product for detail, add products to cart, modify quantity/delete products in cart, and checkout after filling in billing address.
- Mainly responsible for building front end with React, styling components (using bootstrap and react-responsive), and validating input data (via react-hook-form).

API WEB SERVER PROJECT

- A C2C e-commerce application that enables users to purchase or sell second-hand products from each other.
- Features: use JWT for authentication for all CRUD operations; hash user credentials stored for security; schema validation for all input data
- Built with Python on Flask framework using SQLAlchemy. Data stored in PostgreSQL

TERMINAL APP

- A budget calculator targeting users from diverse cultural backgrounds.
- Functions: tracking incomes/expenses in categories, customising categories, setting saving goals, and converting currencies
- Built with Python and Pypi packages, execution facilitated by a bash script

EDUCATION

DIPLOMA OF IT

Coder Academy

Aug 2022 - Feb 2023

MASTER OF TEACHING (EARLY CHILDHOOD & PRIMARY)

University of Melbourne

Feb 2018 - Dec 2019

BACHELOR OF ARTS

Major: Business English (International Finance)

Guangdong University of Foreign Studies

Sep 2013 - Jun 2017

SKILLS

- HTML
- CSS
- Python, Flask
- Javascript, React, Express
- PostgreSQL
- Mongo DB
- Agile Project Management

VOLUNTEER EXPERIENCE

BILINGUAL TOUR GUIDE

Guangzhou Opera House

Apr 2014 - Mar 2016

- Provide tourists with introduction on the functions and aesthetics in architecture of Guangzhou Opera House
- Introduce in Mandarin or English based on the tourists' needs

REFERENCES

References available upon request

PORTFOLIO

- Portfolio website that introduces my background and showcases professional skills as a web developer
- Features: responsive design for different devices; animations and effects on emphasised contents
- Built with HTML and CSS, wireframes created using Figma, deployed using Netlify.

PREVIOUS EMPLOYMENT

EARLY CHILDHOOD TEACHER

Aussie Kindies Early Learning Keilor

Dec 2021 - Jul 2022

- Customise learning for children based on their interests, learning dispositions, and physical/emotional needs observed.
- Build rapport with children and families and facilitate children's smooth transition and orientation to Kindergarten.
- Deconstruct and map developmental goals, prioritise tasks to design daily routines and learning programs.

EARLY CHILDHOOD TEACHER

Sage Education and Childcare Turner

Mar 2021 - Dec 2021

- Organise parent-teacher meetings, communicate with specialists and social workers to support traumatised children and children with special needs
- Lead the team to design and implement individual support plan to include and engage a gifted child with multiple special needs in daily routines and learning.

EARLY CHILDHOOD TEACHER

Goodstart Early Learning Woodend

Feb 2020 - Mar 2021

- Negotiate with colleagues on the use of shared resources to suit the different routines of two groups.
- Evaluate children's learning, reflect on teaching strategies, and take in feedback from children and families to modify learning content and teaching practice.