NG SHI YANG

UNIVERSITY STUDENT

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Education

Bachelor of Electrical and Electronic Engineering
Nanyang Technological University (NTU), Singapore
August 2024 - Present
CGPA: 4.66

Cambridge A-Levels
MCKL College (Pykett Campus, Penang)
2A* 2A
May 2022 - November 2023

SPM
Chung Ling High School
9As (6A* 3A 1B)
Jan 2017 - March 2022

Skills

ReactJS	C
JavaScript	Python
HTML	Motion
CSS	
Firebase	
Ant Design	
Tailwind	

Language

English

Chinese

Malay

Profile

Enthusiastic and motivated web developer with a strong desire to learn and grow in the tech industry. Adept at problem-solving and collaborating in team environments to deliver innovative solutions. Passionate about staying updated with emerging trends and continuously enhancing technical expertise.

Projects

Food Waste Reduction Web App

- Developed and deployed a responsive and user-friendly website using **React** for the frontend.
- Implemented **real-time data handling** and **authentication** using **Firebase** for the backend.
- Incorporated an **admin system** to approve user-submitted food items
- Ensured **scalability** and **performance optimization** to support high traffic demands.

Weather Forecast Web App

- Built a dynamic weather application using **AccuWeather API** to deliver real-time weather data updates.
- Implemented features such as current conditions, the next 12-hour and 5-day forecasts.
- Optimized **API requests** to ensure low latency and high performance for live weather updates.
- Incorporated **error handling** to enhance application reliability.

Recipe Book Web App

- Designed and developed an intuitive web application to store recipes with ease
- Integrated **Firebase** for real-time database management

Personal Portofolio Web App

- Designed a portfolio website to showcase my relevant skills and a brief introduction of myself
- Featuring **dynamic** and **visually striking animations**, showcasing my skills in **web development**, **creative design**, and **UX**.