

# NG SHI YANG

UNIVERSITY STUDENT



+65-89041430



ngshiyang@gmail.com



[www.linkedin.com/in/shi-yang-ng-0237242ba](https://www.linkedin.com/in/shi-yang-ng-0237242ba)



<https://github.com/HyperBeast07>



Bayan Lepas, Penang

## Education

Bachelor of Electrical and  
Electronic Engineering

**Nanyang Technological University  
(NTU), Singapore**

August 2024 - Present

CGPA: 4.66/5.00

## 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**.

Expected Internship Period: May 2025 to August 2025