Gabriel Chang

Year 1 Undergraduate at NUS

HOBBIES
Diving
Running
Squash
Strategy Games

LANGUAGES
CSS HTML Pug Python SASS
TypeScript

FRAMEWORKS
Astro React

TOOLS
Express Firebase Git Jest MongoDB
NodeJS Tailwind Webpack

EDUCATION
National University of Singapore
Bachelor of Computing, Computer
Science
2023 — present

St Joseph's Institution International
International Baccalaureate
2014 — 2020

EXPERIENCE
Singapore Police Force (NS)
Deputy Officer in Charge
2021 — 2023

AWARDS
Commander's Award
Dec 2022
Awarded for outstanding performance
as a Deputy Officer In-Charge in
Protective Security Unit Alpha.

PROFILE
I am presently a Computer Science student at NUS. During the period between my National Service and University enrollment, I embarked on a journey into Web Development through The Odin Project. I possess a strong eagerness to continue my development and learning as a developer, engaging with new projects and frameworks.

PROJECTS
My Portfolio

I selected Astro for its content-focused framework, a perfect fit for my portfolio project. Its component islands allow seamless integration of UI libraries if needed. Markdown files hold content with front matter for data, dynamically generating pages during build for my static site hosting.

Astro   CSS   SCSS   TypeScript

Photo Tagging App

This web application replicates the concept of the popular game "Where's Waldo." Firebase is used as a back end service to store the images and locations of all the characters. The project utilises Tailwind CSS and incorporates the Flowbite UI component library to enhance the user interface. By combining these technologies, the app aims to provide a visually appealing and interactive experience for users.

Firebase   Flowbite   React   Tailwind

Shopping Cart Project

The Shopping Cart Project is a web application designed to provide users with a shopping experience. The main features of the project include a shopping cart functionality and integration with an API for fetching product data. The project is to practice using React Router in order to produce a multi-page website. This project is part of The Odin Project, an open source course.

JavaScript   React   SCSS