

Chan Ooi Thong (Ethan)



9477 7074



ooithong.chan@gmail.com



<https://github.com/Stalloyde>

SUMMARY

A Singapore Permanent Resident seeking a software developer role. Eager to apply strong communication skills, attention to detail and collaborative spirit to create intuitive web applications. See my portfolio page [here](#).

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React, Vite, Webpack, Jest, Vitest, ESLint

Backend: Node.js, Express, Socket.io, PassportJS, JWT, Jest, Prisma, Mongoose

Database & Tools: PostgreSQL, SQL, MongoDB, Git, GitHub, Postman, npm, Cloudinary

NOTABLE PROJECTS

[Messaging App](#)

Repositories: [API](#) | [Client](#)

- Connect with other users, create groups, and chat in real-time.
- Built with React + TypeScript, NodeJS, PostgreSQL, Socket.io, PassportJWT
- Demo Accounts:

Username	Password
pineapple	123
bae2won	123
user	123

[Where's Waldo](#)

Repositories: [API](#) | [Client](#)

- A Where's Waldo game built with React + Typescript, Vitest, NodeJS & MongoDB
- Implemented an image tagging feature. Users can identify data within images, which is then transmitted to the backend for verification.
- Users are provided with the option to log their scores in the database. Top 10 highest scores are showcased in the home page.

[Blog](#)

Repositories: [API](#) | [Client](#) | [Content Management](#)

- A single author blog site with public access. Comments are enabled via login. A private CMS enables the author to manage posts and comments.
- Built with React + Typescript, Node JS & MongoDB, Supertest
- Technical Highlights: Jam-stack approach of back and front-end, RESTful API, User authentication with JSON Web Tokens (JWT), Mobile responsiveness, route testing

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PROFESSIONAL EXPERIENCES

Developmental Swim Coach – Singapore Swimming Club

June 2019 – Present

- Lead a squad of swimmers, age 8-12 competing at the national level
- Engage parents to provide advice on competition entries and progression pathways, as well as to educate parents on age-appropriate sport-specific development
- Delivered the club's Learn-to-Swim program and served as assessor for upgrading tests
- Conduct private lessons to club members of any age and ability
- Officiate and support internally organised meets and events

Swim Instructor/Coach - Aquatic Fitness Swimming Academy

Oct 2016 - June 2019

- Spearheaded executive projects including procurement of team swim caps, streamlining of curriculum and teaching standards, and liaisons with CCA coordinators
- Conduct classes and assessments of water safety fundamentals as well as all four competitive strokes to swimmers of all ages
- Mentor new instructors until competent for independent teaching
- Conduct training sessions for novice competitive swimmers

Client Service Executive (FMCG) - The Nielsen Company, Malaysia

Aug 2017 - June 2018

- Develop marketing research specifications catering towards clients' business needs
- Plan and coordinate research project execution through liaison with the Operations Team and Data Processing Team
- Form data reports and present findings to clients

EDUCATION

HELP University, Kuala Lumpur, Malaysia (2013 - 2016) – Bachelor of Psychology (Hons)