

## Chan Ooi Thong (Ethan)



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<https://github.com/Stalloyde>

### SUMMARY

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A Singapore Permanent Resident currently employed as a swimming coach, I have a proven track record of planning and fostering skill development. I'm seeking to leverage my analytical and problem-solving skills in a transition to a software developer role. Eager to apply strong communication skills, attention to detail and collaborative spirit to create intuitive web applications.

### TECHNICAL SKILLS

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**Languages:** HTML, CSS, JavaScript

**Framework/Library:** React, NodeJS, Express, Mongoose

**Tools:** MongoDB, Git, GitHub, ESLint, Prettier, Jest, Vite, Vitest, Webpack, Pug

### NOTABLE PROJECTS

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#### Portfolio Page

- A website that shares the codebase and live pages of a few personal projects
- Built with React & CSS
- Features: Mobile responsiveness, light and dark mode

#### Members Only

Repository: <https://github.com/Stalloyde/members-only>

- A message forum site with multi membership tiers and features
- Built with NodeJS, ExpressJS, MongoDB, PassportJS, Bcrypt, Pug
- Features: Server side rendering, form validation and sanitisation, session based user authentication, password encryption
- **PASSWORD TO MODERATOR ACCESS IS NOT AVAILABLE TO THE PUBLIC**

#### Shopping Cart

Repository: <https://github.com/Stalloyde/shopping-cart>

- A front-end e-commerce project that features a variety of products
- Built with React, TypeScript, Vitest & CSS Modules
- Features: Mobile responsiveness, test-driven development, API Fetching

#### Battleship Game

Repository: <https://github.com/Stalloyde/shopping-cart>

- A single player classic game of Battleship
- Built with HTML, CSS, JavaScript, Jest & Webpack
- Features: Test-driven development, modular programming (DRY)

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### PROFESSIONAL EXPERIENCES

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#### **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

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**[The Odin Project \(TOP\)](#)** (March 2022 - Present) – Self-directed project-based curriculum for full-stack web development

- At 90% overall completion rate - Currently learning RESTful APIs and token-based authentication

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