Isa Bin Mohamed Yamin

+65 9722 7498 | ISA001@e.ntu.edu.sg | https://isayamin.com | https://github.com/boiwantlearncode

EDUCATION

Nanyang Technological University — Singapore
Bachelor of Engineering in Computer Engineering, Second Major in Data Analytics — *Aug. 2023 – Present*

- Dean's List (AY 2023-2024)
- Relevant courses: Data Structures & Algorithms, Operating System, Software Engineering, Object-Oriented Programming, Database Systems

PROJECTS

Shill Wars Web Application | *Next.js, Typescript, Supabase, PostgreSQL, Figma* — 2025

- Created https://shillwars.com which is a platform for memecoin enthusiasts to submit links and view the social media posts of their community.
- Planned and designed the system using user model diagram, description and wireframing
- Implemented authentication and single sign-on with Supabase

Hospital Management System CLI | *Java, Git* — 2024

- Collaborated with a few peers to develop a command line interface that implements authentication, provides varied functionalities based on the role of the user, and enforces data persistence
- Designed the UML diagram, and maintained changelog and documentation

Open Source React UI Library | *Typescript, React, Next.js, TailwindCSS, Git, Lerna, Figma* — 2024

- Published an open-source React component library, *@crease/react*, that enables developers to implement various types of interactive quizzes to *npmjs*.
- Maintained comprehensive documentation at https://crease.dev to assist developers in integrating and using the package

Mobile App - HTML Editor | *React Native, Expo, SQL, Typescript, Figma* — 2024

- Designed and built a cross-platform mobile app that comes with a code editor that compiles HTML, CSS and Javascript languages
- Added auto-completion and auto-suggestion features into the code editor as well as real-time viewing of the code output
- Utilized state management, local storage data persistence with SQLite, and routing

Firefox Browser Extension - Multiple Bookmarker | *HTML, CSS, Javascript* — 2023

- Published a browser extension that lets the user select and bookmark multiple tabs simultaneously into a specified folder
- Interacted with other developers through Github Issues for feedback and improvement
- Received 6 stars on Github and has more than 40 daily users

Mobile App - Typetop | *Flutter, Dart, SQL* — 2023

- Made a mobile game where the user can test one's typing speed, save and view local high score, and adjust settings concerning the size and line display of the text
- Integrated saving and loading features with local storage and SQL

Stocks Tracker Web App | *React, Supabase, PostgreSQL* — 2023

- Created a web app with a search feature that displays latest stock data information based on searched text
- Utilized a cron job that periodically polls all latest stock information from unofficial Yahoo Finance API into Supabase

TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, Java, C, C++, SQL, Go
Technologies: Git, Docker, Next.js, React, React Native, Svelte, Flutter, PostgreSQL (Supabase), MySQL, SQLite, Flask, Figma