

Kenneth Seet

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EXPERIENCE

AI Engineer, Q Team, Home Team Science & Technology Agency

May. 2024 –

FastAPI, TypeScript, React

- Worked with **Multimodal Large Language Models** for higher order sense-making and decision making for various Home Team operations.
- Developed a full-stack application which used **Retrieval-Augmented Generation** algorithms to generate assessments and grade them for training academies.

Teaching Assistant, Programming Methodology II, NUS | [Teaching Report](#)

Jan. – May. 2024

Java, OOP, Functional Programming

- Facilitated laboratory sessions and practical coding lessons.
- Imparted software development skills where students developed medium-scale software programs in the order of thousands of lines of code and advanced programming constructs.
- Received an average student feedback rating of **4.5/5.0**, with NUS School of Computing's department average being **4.2/5.0**.

PROJECTS

TEAMMATES | [Product](#) | [GitHub](#)

Jun. 2024 –

Java EE, Angular, Javascript, HTML, CSS, Google Cloud

- Maintained an online feedback management system for education used by more than **1,000,000 users**.
- Gained familiarity with open-source workflows and project management tools on GitHub.

Gossip With Go | [Product](#) | [GitHub](#)

Dec. 2023

React, TypeScript, Redux, Go, PostgreSQL

- Designed a simple web forum application which allows users to make threads and posts with a tagging system.
- Utilized **React**, **TypeScript**, and **Redux** to design the frontend.
- Linked the backend to the frontend using a RESTful API designed using the **Go-Chi** framework.
- Designed a **PostgreSQL** database for storing data related to users, comments, threads, and tags.

whereFood | [GitHub](#)

May. – Jun. 2022

React Native, TypeScript, Firebase

- Won **1st runner-up** in NUS LifeHack 2023.
- Developed a mobile application to connect F&B businesses that have excess food to users.
- Built the application using **React Native** to support Android and iOS systems.
- Utilised **TypeScript** to ensure type safety and minimise the number of bugs.

EDUCATION

National University of Singapore | [Transcript](#)

Singapore

Bachelor of Computing in Computer Science

Aug. 2022 – Apr. 2026

- GPA: 4.47/5.0 (Honours with Distinction)
- NUS Students' Computing Club 25th Management Committee, Director of Rag & Flag: Rag Silver, Flag Gold

Anglo Chinese Junior College

Singapore

GCE 'A' Levels

Jan. 2018 – Dec. 2019

- Rank point: 83.75/90

TECHNICAL SKILLS

Languages: Java, Python, C, C++, Go, Rust, R, JavaScript, TypeScript, React Native, React, Angular, HTML5, CSS, SCSS, MySQL, PostgreSQL, SQLite

Frameworks & Libraries: React Native, React, Angular, HTML5, CSS, SCSS, NumPy, SciPy, nltk, Matplotlib, pandas, ROUGE, PEGASUS, BeautifulSoup

Developer Tools: Git, GitHub, Firebase, Vim, ExpoGo, Jest, Figma, Tailwind CSS, Bootstrap, Material UI, Redux, JavaFX, Docker, Gradle

Databases: MySQL, PostgreSQL, SQLite