

Kenneth Seet

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EDUCATION

National University of Singapore

Bachelor of Computing in Computer Science

- Grade Point Average: 4.47/5.00, Honours (Distinction)

Singapore

Aug. 2022 to Dec. 2025

Arizona State University

International Student Exchange Partner

- Grade Point Average: 3.93/4.00, Honours: *summa cum laude*

Arizona, United States of America

Aug. to Dec. 2024

EXPERIENCE

Autodesk

Software Development Engineer Intern, Identity Service Team

- Maintain and enhance Autodesk's Authorization API, utilizing the **OAuth 2.0** and **OpenID Connect** standards to generate tokens necessary for authorizing requests to APS APIs and SDKs, ensuring seamless operation across all Autodesk products.
- Explore integrations of **Behavior-Driven Development (BDD)** practices using the **Ginkgo** framework to enhance testing efficiency and code reliability.
- Develop internal tools to analyze feature flags, streamlining the deployment and management of new features for the API.

Jan. 2025 - Present

Singapore

Home Team Science & Technology Agency

Full Stack Engineer Intern, Q Team

- Advanced an application with **Large Language Model (LLM)** functionality for Home Team applications.
- Developed and integrated the full user interface using **React**, connecting it with backend functions.
- Authored **FastAPI** documentation for backend functions and implemented unique user authentication using **JSON Web Tokens**.
- Designed a modular prototype architecture using Docker containers for various components, facilitating easy cloud deployment for user trials.

May. to Aug. 2024

Singapore

School of Computing, National University of Singapore

Undergraduate Teaching Assistant

- Imparted software development skills and advanced programming constructs to 25 students developing medium-scale software programs.
- Received an average student feedback rating of **4.5/5.0**, with NUS School of Computing's department average being **4.2/5.0**.

Jan. to May. 2024

Singapore

PROJECTS

TEAMMATES

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

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

Jun. 2024 to present

whereFood

React Native, TypeScript, Firebase

- Won **1st runner-up** in NUS LifeHack 2023.
- Engineered a mobile application to connect F&B businesses with excess food to users.
- Built application with **React Native** to support Android and iOS systems.

May. to Jun. 2023

TECHNICAL SKILLS

Languages: Java, Python, Go, JavaScript

Libraries, Frameworks & Tools: git, GitHub, PostgreSQL, MongoDB, FastAPI, AWS, Docker, Next.js, React, Node.js, TailwindCSS

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C03)