

Kat Yong Jie



 info@kitkatyj.com

 kitkatyj.com

 linkedin.com/in/kitkatyj

 github.com/kitkatyj

Education

Singapore University of Technology and Design (SUTD)

Sep '20 to May '24

- Bachelor of Engineering (Computer Science and Design) with a Minor in Artificial Intelligence (AI)
- Focus Track: Visual Analytics and Computing
- CGPA 4.15/5 (Honours with Distinction)

Swinburne University of Technology

Feb '23 to Jun '23

- International Exchange Program Semester 1, 2023
- SUTD's Global Exchange Program (GEXP) Spring 2023 in Melbourne, Australia
- Achieved 3 High Distinctions, and 1 Distinction across units

Nanyang Polytechnic (NYP)

Apr '15 to Apr '18

- Diploma with Merit in Multimedia and Infocomm Technology
- Specialisation: Information Systems (Web and Mobile Development)
- CGPA 3.96/4 (Cisco Systems (USA) Silver Medal, awarded to 2nd top performing student in cohort)

Work Experiences

Deloitte Consulting

Nov '24 to Jan '26

Full-time, Business Analyst

- Managed Operations for a Cloud-based Application project for Government & Public Services on OutSystems.
- Worked together with the project delivery team utilising the Agile Development methodology.
- Harnessed soft skills by establishing meaningful connections between the client and our developers (onshore and offshore) to deliver service requests and code changes.

Singapore Airlines (SIA) Digital Innovation Lab

Aug '22 to Jan '23

Internship, Full Stack Web Developer

- Spearheaded a digital innovation idea with research that has gained approval from senior executives.
- Developed and implemented a production-level canteen management solution prototype in a team that has been used by hundreds of staff.
- Contributed to the running of events that advocated for digital innovation across SIA and its partners.

Singapore Armed Forces Command, Control, Communications and Computers (SAF C4) Command

Aug '18 to Aug '20

Full-time National Service, Mobile App Developer and Facilitator

- Developed cross-platform mobile applications using the OutSystems low-code platform that is implemented in various events and divisions in the SAF.
- Advocated mobile app workflows throughout the SAF, improving efficiency & reducing need for manpower.
- Facilitated workshops that provide first-hand experience to personnel developing mobile apps.

Academic Projects

Singapore University of Technology and Design (SUTD)

Sep '23 to Apr '24

AI-Driven Adaptive Learning Platform, Capstone Project

- Developed a production-level learning management system that integrates an established educational research methodology with a Large Language Model and Neural Networks.
- Performed User Acceptance Testing based on guidelines designed for Human-Computer Interactions (HCI).

Honors & Awards

Singapore University of Technology and Design

Sep '21 to Nov '21

Outstanding Undergraduate Teaching Assistant (UTA) for Fall '21

- Assisted faculty in conducting lessons in Rhinoceros Computer-Aided Design (CAD) software and Python programming.
- Mentored and formed a deeper bond with juniors by giving them advice on the module and their education.

Government Technology Agency of Singapore (GovTech)

Feb '17 to Nov '17

Inaugural National Data Viz Video Challenge

- Provided creative expertise for my team during production with the necessary software and skills.
- Assisted with translating researched data into animated infographics.
- Produced a short animation that won 1st place amongst 12 finalists.

Technical Skills

(Able to learn any related platforms, software, frameworks, and libraries as required)

- **Cloud Computing:** Amazon Web Services, Google Cloud Platform; **Databases:** MongoDB, MySQL, Firebase, Microsoft SQL Server
- **Full Stack Web Development:** ReactJS, Typescript, OutSystems; **Software Dev & Web Servers:** NodeJS, Python, Java, .NET/C#
- **Multimedia Production / UI/UX:** Adobe After Effects, Illustrator, Photoshop, Affinity, Final Cut Pro, Canva, Figma.
- **Electronic Health Record:** Epic Systems - Beaker Anatomic Pathology (Accredited)