

Toh Kai Feng

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A dynamic and results-oriented Software Engineer. Experienced with leading and executing full stack web and mobile development projects, while staying abreast of emerging technologies. My track record in both academic and professional settings showcases my ability to both deliver innovative solutions and lead successful project outcomes.

EDUCATION

SINGAPORE UNIVERSITY OF TECHNOLOGY & DESIGN (GPA – 4.4 / 5)	Singapore
Bachelor of Computer Science, SUTD-SMU DDP in Technology and Management	May 2019 – Apr 2023
SINGAPORE MANAGEMENT UNIVERSITY (GPA – 3.7 / 4)	Singapore
Bachelor of Business Management, SUTD-SMU DDP in Technology and Management	May 2019 – Apr 2023

PROFESSIONAL EXPERIENCE

SINGTEL TELECOMMUNICATIONS LIMITED	Singapore
<i>Management Associate</i>	Jul 2023 – Present
<ul style="list-style-type: none">Leading an IT transformation initiative to discover new ways of maintenance and enhancement of source code for over 40 applications.Conducting extensive research and collaborating with experienced vendors to drive successful outcomes.	
WHITECHALK PRIVATE LIMITED (SURER)	Singapore
<i>Backend Software Engineer Intern</i>	Nov 2021 – Mar 2022
<ul style="list-style-type: none">Developed new API endpoints using Asp.Net Boilerplate (ABP) framework in C#, implementing Domain-Driven Design for Surer's Web Application.Supported 350+ insurance intermediaries monthly.	
SINGTEL TELECOMMUNICATIONS LIMITED	Singapore
<i>Assistant Engineer in Charge & Access Management Intern</i>	May 2021 – Aug 2021
<ul style="list-style-type: none">Developed a PowerApps application automating spare equipment management and fault-monitoring, optimizing communication infrastructure support.Successful deployment resulted in automated monitoring of over 100 spare parts.	
VASS PTE LTD	Singapore
<i>Software Development Intern</i>	May 2019 – Aug 2019
<ul style="list-style-type: none">Supervised a team to develop a website digitizing the workflow of a large maid agency with operations across 20 outlets in Singapore.Utilized PHP and Javascript to enable automatic receipt generation, monthly sales tracking, and enhanced communication with overseas partners.	

SCHOOL PROGRAMMES/PROJECTS

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN	Singapore
<u>SUTD X Collins Aerospace – Panorama</u> (01.400 Capstone)	Jan 2022 – Aug 2022
<ul style="list-style-type: none">Technical lead for the development of a Dashboard-Chatbot Webapp facilitating Maintenance, Repair and Overhaul (MRO) planningDeployed on AWS EC2, utilised React, Asp.NET Core (C#), FastAPI (Python), and Rasa (Python).	
<u>Amazon DynamoDB Key-Value Store Clone</u> (50.041 Distributed Systems)	Aug 2021 – Dec 2021
<ul style="list-style-type: none">Implemented a distributed Key-Value store using GO mimicking Amazon's DynamoDB, focusing on scalability, fault tolerance, and high write availability.	
<u>Singhealth Retail Audit App</u> (50.003 Elements of Software Construction)	Jan 2021 – Apr 2021
<ul style="list-style-type: none">Designed and deployed a progressive web application on a modern React and GraphQL framework, automating and digitizing the retail audit process.Implemented features include: An image capture function, and an automatic PDF generation and export function for completed audit forms	
<u>The Amigo Project</u> (50.001 Introduction to Information Systems)	Aug 2020 – Dec 2020
<ul style="list-style-type: none">Led the development of an Android application using Java, Android Studio and Firebase that seeks to connect self-initiated students looking for project management tools to either find projects to work on or project members to work with to supplement their learning journeysFeatured as one of the top three projects on <u>SUTD's ISTD 1D Virtual Exhibition 2020</u>	

SKILLS AND LANGUAGE PROFICIENCIES

- Programming Languages: Python, Java, HTM/CSS/Javascript, C++, SQL, React, C#, GO
- Tools: Android Studio, Adobe Creative Suite, Figma, Google Firebase, Amazon Web Services