

# TAN JUN BIN

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## EDUCATION

### National University Of Singapore (NUS)

Singapore

*Bachelor of Computing in Information Systems*

12/2024

- **GPA:** 4.33 / 5.0
- **Relevant Courseworks:** Data Structures And Algorithms, Object-oriented programming (OOP), Business Analytics, Data Management and Visualisation, Enterprise Systems Architecture and Design, Enterprise Systems Server-side Design and Development, Enterprise Systems Interface Design And Development, Data Engineering, Digital Media Marketing, Principles Of Technology Entrepreneurship
- **Capstone Project:** [StudyGoWhere](#) - Work anywhere made easy.
- **Honours and Awards:** [University Engineering Scholarship](#)

### NUS Overseas Colleges (NOC) - Thailand Program

Singapore

*Entrepreneurship/Entrepreneurial Studies*

2024

- Selected for the prestigious [NOC program](#), providing entrepreneurial and startup experience in global hotspots.

### Republic Polytechnic

Singapore

*Diploma in Pharmaceutical Science with Merit*

2018

- **GPA:** 3.98 / 4.0
- **Final Year Project:** Enhancement of Pharmaceutical Properties using Cocrystals.
- **Honours and Awards:** BASF (ENP) Gold Medal Award (Graduated first in the cohort of 90) , [A\\*Star Science Award](#)

## TECHNICAL SKILLS

**Programming language:** Java, Python, R, HTML, CSS, JavaScript, TypeScript, SQL

**Development Technologies:** Spring Boot, Hibernate, Jakarta EE, Jakarta Faces (JF), React, Vue, Bootstrap, Retool

**Database:** MySQL, MsSQL, PostgreSQL, RDBMS , Firebase, Google BigQuery, MongoDB, NoSQL

**Technical Tools:** Tableau, Microsoft Excel, Google Lookers, Figma, Git Version Control, Apache Airflow

## EXPERIENCE

### Zaapi

Bangkok, Thailand

*Software Engineering Intern*

01/2024 – Current

- Contributed to sprints, developing front-end solutions to boost customer experiences through enhanced interface and interaction.
- Technologies: React, React Native, React Query, Typescript, Tailwind

### EquiTech Collective

Bangkok, Thailand

*Program Lead & Project Engineer*

01/2024 – Current

- Developed and deployed technology solutions targeting improved health and education outcomes in underserved communities.
- Led mentoring sessions for engineering bootcamp students, enhancing their technical skills and project management capabilities.
- Technologies: Retool, React, SQL, Jira

### Bitopia Technology Pte Ltd.

Singapore, Singapore

*Software Engineering Intern*

05/2023 – 07/2023

- Developed product-ready code for the Business Continuity Management System, designed to streamline procedures during times of crisis.
- Implemented a 2FA system to enhance security measures.
- Conducted bug fixes and user testing, achieving a 98% success rate in the latest production release.
- Technologies: Spring Boot, Hibernate, Vue, React, Bootstrap, MsSQL (RDBMS)

## Land Transport Authority (LTA) Singapore

Singapore, Singapore

### *Ticketing Strategy & Projects Intern*

05/2022 – 07/2022

- Collaborated with management and stakeholders for the launch of SimplyGo Concession Card.
- Coordinated and managed the distribution of launch information to over 200 educational institutions.
- Performed in-depth market research and initiated promotional trials with retail partners to amplify the launch impact.

## PROJECTS

### **StudyGoWhere**

Singapore

#### *Team Lead and Full Stack Software Engineer*

08/2023 – 12/2023

- Led and coordinated a team of 6. Communicated with stakeholders to design and developed a platform that automated the process for consumers to find study spaces.
- Implemented a unified solution that combined search, reservation, and payment functionalities, increasing business visibility and venue utilisation.
- Technologies: React, Flutter, Tailwind, Spring Boot, PostgreSQL (RDBMS) , Firebase (NoSQL)

### **AnimeAI**

Singapore

#### *Full Stack Software Engineer*

06/2023 – 07/2023

- Self initiated project to build an Anime Recommendation AI utilising the LangChain framework to curate anime recommendations from 2019-2021. After a thorough preliminary analysis and cleaning of data using Python.
- Technologies: LangChain LLM, Python

### **Animal Adoption Application**

Singapore

#### *Full Stack Software Engineer*

03/2023 – 06/2023

- Designed and implemented an animal adoption portal. Collaborated with stakeholders to gather requirements and feedback, ensuring the platform met the needs of both pet listers and adopters. The portal streamlined the adoption process and reduced manpower and associated costs.
- Technologies: React, Jakarta EE, MySQL (RDBMS), Firebase (NoSQL)

### **Library Management System**

Singapore

#### *Full Stack Software Engineer*

01/2023 – 03/2023

- Engineered a comprehensive library management system that empowers librarians to efficiently manage book inventory, facilitate book check-outs, and handle returns. The system was devised to reduce the time spent on inventory management, ensuring a smoother operational flow.
- Technologies: PrimeFaces, Jakarta EE, MySQL (RDBMS)

## CLUBS AND ACTIVITIES

### **Google Developer Student Clubs NUS (GDSC NUS)**

Singapore

#### *Head of Product*

2023 – Current

- Co-led a 20-member team to develop [MINDS MYG](#)'s Volunteer Management System.
- Communicated with key stakeholders, including [MINDS HQ](#), to develop refined product requirements.
- Streamlined processes, reducing coordination time by 60% and boosting volunteer recruitment efficiency.

### **/FF**

Singapore

#### *Co Founder and Full Stack Software Engineer*

2023 – Current

- Crafted digital products tailored for small businesses.
- Technologies: React, MongoDB, MySQL, Jakarta EE, Spring Boot

### **MINDS MYG Terra Hope Project**

Singapore

#### *Member*

2018 – 2021

- Executed weekly activities for individuals with intellectual disabilities.
- Leadership Roles:
  - o Co-Chair, MINDS Family Day 2019: Organised a festival for ~300 attendees.
  - o Program Chair, MINDS Family Day 2018: Managed a festival for ~300 attendees.