RYAN NEO JIA HAO

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EDUCATION

National University of Singapore   **Jan 2025 - May 2029**
Bachelor of Science in Business Analytics
- Relevant course work: Programming Methodology

Dunman High School   **Jan 2017 - Dec 2022**
IP Programme & Singapore - Cambridge GCE 'A' Levels
- University Admission Score: 87.5 Rank Points

EXPERIENCE

Singapore Armed Forces, Platoon Commander   **Jun 2024 - Present**
- Developed a structured Excel spreadsheet to collect and organise over 50 fault reports, utilizing formulas to improve data categorisation and streamline fault detail tracking.
- Integrated fault report data into PowerBI dashboards, facilitating visualisation of 10+ fault trends and enhancing insights shared during command meetings.
- Reduced post-exercise report preparation time by 30% through the automation and analytics capabilities of PowerBI, increasing team efficiency and accuracy in documentation.

SKILLS & INTERESTS

Frontend Development: HTML, CSS, Javascript, React, Python
Backend and Databases: RESTful APIs, Python, Flask, SQL, PostgreSQL, Firebase, Supabase
Tools and Platforms: PowerBI, Excel, Git, Render, Canva
Language Proficiency: Fluent English and Mandarin, Conversational Japanese
Interests: Ultimate Frisbee, Football, Machine Learning and Artificial Intelligence

PROJECTS

BookBuddy (Hack4Good)   **Jan 2025 - Jan 2025**
- Designed the frontend of a personal assistant web app in React, featuring 4 key productivity features: task assignment, reminders, meeting scheduling, and email summary generation, with a responsive and user-friendly interface optimised for 100% of tested devices.
- Integrated the frontend with the backend using RESTful APIs, enabling seamless data exchange and handling 100+ tasks and schedules per user efficiently.
- Implemented basic security measures, including private routing and Google Login API, securing access for 10+ unique users during the hackathon project.

Telegram Expense Tracker Bot (Personal)   **Nov 2024 - Dec 2024**
- Programmed a Telegram bot to track and split group expenses using Python and Telegram APIs.
- Integrated Supabase for user authentication and real-time database management of expenses and group data of up to 10 group users.
- Utilised web hooks to enable 100% seamless communication between Render backend and Telegram servers.
- Achieved 24/7 uptime with cloud hosting and streamlined development workflow using CI/CD pipelines.

LEADERSHIP

Singapore Armed Forces, Platoon Commander   **Jun 2024 - Present**
- Planned and executed training programs for a platoon of 20 personnel, ensuring alignment with operational objectives and readiness requirements.
- Monitored and evaluated the performance of platoon, providing actionable feedback and tailored development plans to enhance individual and collective capabilities.

AWARDS

- Edusave Award for Achievement, Good Leadership and Service (2020)