



DANIEL LEE

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Nanyang Polytechnic

Diploma in Information Technology
2024-2027

St Patrick's School

O-Level Graduate
2020-2023

TECHNICAL SKILLS

Programming: python , C#, C++,
Swift

Web Development: HTML, CSS,
Javascript, node.js, next.js,
tailwindCSS, React

Backend & Database: Mongoddb,
MySQL

UI/UX Design: Figma

Version Control: Git



PROFILE

I'm a passionate full-stack developer with over 2 years of experience building scalable, data-driven applications. With a strong foundation in backend systems, API design, and databases like SQL Server and MongoDB, I'm dedicated to creating solutions that are both powerful and reliable.



PROJECTS

Thrifty

Thrifty is an e-commerce platform that simplifies thrift shopping by connecting buyers, sellers, and donors to promote sustainability through affordable second-hand goods, inventory monetization, and charitable donations.

Key Features:

- **Diverse Thrifted Collection:** A variety of second-hand items with search and filter options.
- **Simplified Selling Interface:** Easy item listing and inventory management.
- **Charitable Donation System:** A page for donating items to support community programs.
- **Smart Search & Filter:** Filters by category, price, and availability.
- **Automated Notifications:** Real-time email updates for orders and donations.

NGS Dashboard

NGS Dashboard is a streamlined shipment and inventory management platform designed for Ng Guan Seng Woodworking (NGS). It simplifies logistics operations by offering real-time tracking, inventory control, and shipment coordination—enhancing efficiency for warehouse teams and office staff alike.

Key Features:

- **Shipment Management:** Easily add, view, and edit shipment records with customer details, destination, and delivery status.
- **Inventory Overview:** Monitor stock levels and track product movement to prevent overstocking or shortages.
- **Real-Time Updates:** Live status changes and automated timestamps for better visibility and accountability.
- **Smart Search & Filters:** Quickly locate shipments or inventory using keyword search, filters by date, status, or customer.
- **Responsive Interface:** Clean, user-friendly design optimized for both desktop and tablet use by warehouse operators.

SOFT SKILLS

- Team collaboration & interpersonal communication
- Time management & multitasking under pressure
- Critical thinking & creative problem-solving
- Adaptability & openness to feedback
- Initiative-taking & leadership potential
- Event planning & coordination experience
- Attention to detail & accuracy
- Accountability & ownership mindset

LANGUAGES

- English (Fluent)
- Chinese (Fluent)

Pomodoro productivity clock

This Pomodoro-based productivity tool helps users enhance focus, maintain momentum, and develop sustainable work habits. By combining time management with insightful analytics and a distraction-free interface, the app supports users in achieving deep work and personal productivity goals.

Key Features:

- Flexible Pomodoro Timer: Customize work and break durations to match your workflow.
- Task Tracker: Organize tasks and associate them with specific Pomodoro sessions.
- Focus Analytics: Gain insights into productivity patterns, session counts, and time spent on tasks.
- Distraction Control: Optional focus mode to block distracting sites or notifications during sessions.
- Cloud Sync: Access your tasks and progress from any device, anytime.
- Clean, User-Centric UI: Minimalist design to keep you in flow without overwhelming distractions.



CLUBS/ CCA

NYP Technopreneurship Club

- Operations Sub-Committee
 - Helped administer the AY24/25 Recruitment Drive for the club, gaining 30+ new club members.

NYP Swift Club

- Operations Sub-Committee
 - Helped in terms of facilitating Inaugural Event at Apple AMK HQ

St Patrick's School's Badminton

- Exco team & Publicity head
 - Facilitated day to day operations of the team as well as publicising the cca before and during annual cca fair

REFERENCES

Mr Law Guo Rui

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Leacturer at Nanyang Polytechnic