

Ng Jia Min

Business & Financial Technology student with hands-on experience in frontend and backend web development, database systems, and structured application design. Skilled in building responsive, database-driven applications using HTML, CSS, JavaScript, Bootstrap, Python, and SQL with strong focus on reliability, data integrity and validation. Able to contribute to secure, scalable payment systems by applying structured problem-solving and disciplined development practice

PROJECTS

ConnectGen — Full-Stack Web Application

Developed a secure user authentication system with session management and hashed password storage.

Built CRUD modules using Flask and SQLite.

Designed normalized relational database schema (Users, Messages) to maintain data integrity.

Implemented input validation and structured error handling to prevent invalid data submission.

Developed database-backed messaging system with persistent storage and retrieval logic.

Collaborated in a 4-member agile-style team with version control via GitHub.

Photography CCA Website — UX & Web Development Project

Designed and developed a fully responsive multiple page CCA website using HTML, CSS, Bootstrap and JavaScript.

Used digital inventory systems to check stock availability and update order status..

Built interactive form with JavaScript validation and response page to display submitted data.

Integrated multimedia elements such as images and video to enhance user engagement.

Applied Bootstrap components to ensure responsive layout across devices.

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LinkedIn:

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MODULES STUDIED

Programming

Database Design & Administration

Cybersecurity Technologies & Ethics

E-Business App Development

Blockchain Innovations in FinTech

HARD SKILLS

Languages: HTML, CSS, JavaScript, Python

Frameworks & Tools:
Bootstrap, Flask, SQLAlchemy, SQLite

Tools:
GitHub, VS Code, Bootstrap

SOFT SKILLS

Adaptability
Attention to Detail
Communication
Teamwork
Time Management
Problem-Solving

EXPERIENCE

NTUC FairPrice — *Online Grocery Shopper*

NOV 2024 – PRESENT

Picked and packed 90+ grocery items per hour with high accuracy and efficiency.

Utilized digital inventory and order management systems to monitor stock levels and resolve discrepancies.

Reported and resolved stock discrepancies to prevent order delays.

Managed orders efficiently during peak hours while maintaining quality standards.

ACHIEVEMENT

Edusave good progress award (2021)

Edusave merit bursary award (2022)

Edusave of academic achievement (2022)

Edusave of good leadership and service award (EAGLES) (2023 - 2024)

EDUCATION

Nanyang Polytechnic — *Diploma in Business & Financial Technology*

APRIL 2025 - FEB 2028

Holy Innocents' High School

JAN 2021 - DEC 2024

CO-CURRICULAR ACTIVITIES

National Police Cadet Corps (NPCC)

JAN 2021 - DEC 2023

Station Inspector (Highest Rank) | Vice Chairperson

Appointed to the highest student rank, leading unit and planning key initiatives.

Supervised and mentored cadets to uphold discipline and performance standards.

Coordinated large scale events and administrative planning with teachers such as NPCC Day, National Day and Total Defence Day.

Demonstrated leadership, accountability and effective decision making under responsibility.