



# LEW MIN RU

Student

## Contact

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## Awards and Achievements

- Director's List Award - NYP (2024)
- Edusave Eagles Award - MOE (2023)
- Director's List Award - ITE (2023)
- ITE Community Scholarship (2022)
- Director's List Award - ITE (2022)
- Edusave Scholarship - MOE (2021)
- Edusave Scholarship - MOE (2020)
- Academic Achievement, Top in level - Hougang Secondary School (2020)
- Edusave Scholarship - MOE (2018)

## Soft Skills

- Meticulous
- Problem solving
- Perseverance
- Adaptability
- Willingness to learn
- Teamwork

## About Me

As an Information Technology student, I excel in problem-solving with meticulous attention to detail. Eager to learn and committed to growth, I approach projects with a goal-driven mindset, emphasizing perseverance and teamwork for a positive impact.

## Education

### Nanyang Polytechnic (NYP)

Diploma in Information Technology  
2024 - 2027

- Attained Director's List Award AY2024S1
- CCA: Live Audio

### Institute of Technical Education (ITE)

Higher Nitec, IT Applications Development  
2022 - 2024

- Attained Director's List Award 2022 & 2023
- CCA: IAD Club, Community Service Club, Hobby Craft Club
- VIA: Overseas Service and Development Programme

### Hougang Secondary School

2018 - 2021

- Attained N level certificate, EMB3: 9
- Attained Academic Achievement 2020
- CCA: Girl Guides

## Experience

### Apsbay

19 Sep 2023 – 5 Feb 2024

#### Industry Attachment in ITE

- Designed and maintained client websites using WordPress
- Developed and integrated web content
- Enhanced website visuals via media
- Edited images and promotional videos

# Technical Skills

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## Web Development

- HTML
- CSS
- JavaScript
- PHP
- MySQL
- XAMPP
- React
- Node.js
- WordPress
- WooCommerce

## UI/UX & Design

- UI/UX Design
- Adobe XD
- Adobe Photoshop
- Adobe Illustrator
- Figma
- Canva

## Mobile Development

- Flutter

## Others

- Python
- SEO
- Tableau Prep Builder
- Tableau Desktop

# Projects

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## Web Development

### VMRecords

- Built a vinyl record shop website using HTML, CSS, JavaScript
- Developed a JavaScript checkout system
- Used VS Code for development and code management

### RetroF Housing

- Built an e-commerce site for retro-futuristic furniture using WordPress, WooCommerce, and XAMPP.
- Integrated PayPal checkout and social media; later migrated to Pantheon.io for live hosting.
- Added blog and contact pages; refined site content and structure.
- Performed SEO, keyword research, and web analytics using Google tools and plugins.
- Tools: WordPress, WooCommerce, XAMPP, Pantheon.io, Google Analytics, SEO plugins

### ReBearable

- Python, Flask, Bootstrap, Shelve
- Developed a web-based eco-fashion application promoting sustainability in clothing choices
- Implemented object-oriented programming (OOP) concepts: classes, encapsulation, inheritance, and polymorphism
- Applied Design Thinking and Agile methodologies to solve real-world sustainability issues
- Enabled persistent storage using Python's Shelve module
- Integrated detailed product information to support transparency and informed customer decisions
- Highlighted environmentally responsible collections using organic, recycled, and sustainably sourced materials

### Full Stack Development Project – Auto Machinery Singapore

- Tools: React.js, Node.js, MySQL Workbench
- Developed a full-stack web application for a wholesale trade company
- Implemented CRUD functionality for product management on the admin panel
- Designed with a user-centric approach to improve experience and usability
- Applied innovative features to differentiate from existing market solutions

## Software & Console Applications

### Pokémon Pocket Console Application

- Language: C#
- Tools: Visual Studio, .NET, Entity Framework
- Developed a C# console application applying Object-Oriented Programming (OOP) and Entity Framework
- Enabled players to add, view, and evolve caught Pokémon based on custom evolution logic
- Implemented evolution rules using data tracking and entity relationships
- Focused on data management and user interaction through a text-based interface

## UI/UX & Prototyping

### Pasta Creation

- Tools: Adobe XD, Adobe Photoshop, Adobe Illustrator
- Developed a high-fidelity mobile web application prototype using Adobe XD
- Designed user interface with emphasis on consistency, interaction feedback, Fitts' Law, and metaphors
- Created original logo using Adobe Illustrator
- Built storyboard and wireframes to visualize user flow
  - Ensured all images used were copyright-free