

# Lim Hong Ying

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## Summary

I am a student currently studying at Ngee Ann Polytechnic in the Cybersecurity & Digital Forensics course.

During my course of studying in Ngee Ann Polytechnic, I have completed various projects such as creating an Android application, Razor Pages Web Application, a static website with HTML and CSS, and a web application based on Next.JS. I have also earned the AWS Certified Cloud Practitioner and Red Hat Certified System Administrator certifications during my course of study at Ngee Ann Polytechnic.

I have also attended and graduated from Gan Eng Seng School from 2017 to 2020 with a GCE "O" Level certificate.

I believe I am a fast and earnest learner that can be trusted to pick up new and required skills on the job, and put those skills into practical use effectively.

## Education

- Ngee Ann Polytechnic  
April 2021 – Current (Expected graduation: April 2024)  
Diploma in Cybersecurity & Digital Forensics

- Gan Eng Seng School  
2017 – 2020  
  
Secondary School (GCE “O” Levels)

## Certifications

- Red Hat Certified System Administrator – Red Hat
  - Issued May 2023 – Expires May 2026
  - Certification ID: 230-092-819
- AWS Certified Cloud Practitioner – Amazon Web Services (AWS)
  - Issued Oct 2022 – Expires Oct 2025
  - Certification ID: 7J17VRXCTJREQ9KB
- RedHat Certificate of Attendance – Red Hat Certified System Administration I (RH124)
- RedHat Certificate of Attendance – Red Hat Certified System Administration II (RH134)
- AWS Academy Graduate - AWS Academy Cloud Foundations - Amazon Web Services (AWS)

## Employment History

- Student Helper
  - Employer: Ngee Ann Polytechnic
  - March 2023 – April 2023
  - Job scope: To develop and test a web application for the World Skills ASEAN 2023 (WSA 2023) event, for participants to submit feedback about various events and workshops held during the event, and a panel for administrators to manage events.

## Skills

### Technical skills:

- Linux Administration
- Amazon Web Services (AWS)
- Firebase
- Supabase
- Android Development (Java)
- Python
- C#
- HTML5
- Cascading Style Sheets (CSS)
- Next.JS
- Malware Analysis
- Web Application Penetration Testing
- Digital Forensics

### Software skills:

- Burp Suite
- nmap
- Metasploit
- Nessus
- OWASP ZAP
- Wireshark
- ffuf
- dirb
- IDA Pro
- dnSpy
- Encase
- Autopsy
- Microsoft Office

- OllyDBG

Soft skills:

- Project management skills
- Leadership skills

Other skills:

- Class 3 Driving Licence

## Projects

- Cashshope Android Application
  - Project information: This project was developed as part of a group assignment for the Mobile Application Development module during my course of study at Ngee Ann Polytechnic. This application allows its users to list items for sale, with additional functions such as chat functions, wish list functions, planner functions, and more.
  - Language: Java
  - Database used: Firebase
  - GitHub link: <https://github.com/Lim-Hong-Ying/MAD-P03-Group-GG>
  - Play Store link: [https://play.google.com/store/apps/details?id=sg.edu.np.mad\\_p03\\_group\\_gg&pli=1](https://play.google.com/store/apps/details?id=sg.edu.np.mad_p03_group_gg&pli=1)
- Feedback, Event Management, Analytic Web Application
  - Project information: This project was developed as part of the job scope for my part-time job with Ngee Ann Polytechnic. This web application allows users to provide feedback for events attended during the World Skills ASEAN 2023 (WSA 2023) event, and for administrators to manage events that are

supported for the event. It also supports lucky draw functions for the lucky draw sessions held during the event.

- Framework used: Next.JS
- Database used: Supabase
  
- GitHub link: [https://github.com/CATTOLATION/qr\\_code\\_project](https://github.com/CATTOLATION/qr_code_project)
- Website link: <https://wsa.cattolation.com/> (Limited function without account)
  
- CatCloud Web Application (Group project)
  - Project information: This project was developed as part of a group assignment for the Secure Software Development module during my course of study at Ngee Ann Polytechnic. This web application aims to allow provisioning of cloud resources, similar to web applications by popular cloud providers such as AWS, Google Cloud Platform, and Microsoft Azure.
  
  - Framework used: Razor Pages (C#)
  
- Vaccination Static Website (Group project)
  - Project information: This project was developed as part of a group assignment for the Front-End Development module during my course of study at Ngee Ann Polytechnic. This website provides information such as available vaccination sites and vaccine information, similar to the vaccination websites provided by the Government during the COVID-19 pandemic.
  
  - Language: HTML5 + CSS

## Honors & Awards

- Best Performance in Module award Cloud Architecture & Technologies in Academic Year 2022/2023
  - Awarded the Module Award by Ngee Ann Polytechnic in 2022.

- Best Performance in Module award for Communication Essentials in Academic Year 2021/2022
  - Awarded the Module Award by Ngee Ann Polytechnic in 2021.
- School of InfoComm Technology Merit Award (Academic Year 2021/2022)
  - Awarded the School of InfoComm Technology Merit Award by Ngee Ann Polytechnic in 2021.
- Edusave Awards for Achievement, Good Leadership and Service (EAGLES) - Ministry of Education (2020)
  - Awarded the Edusave Awards for Achievement, Good Leadership and Service (EAGLES) award by Ministry of Education in 2020.
- National Robotics Programming Competition - 2nd for Most Innovative Solution Award - Nanyang Polytechnic (June 2019)
  - Awarded 2nd place for the Most Innovative Solution award for the 13th National Robotics Programming Competition by Nanyang Polytechnic in 2019.
- National Youth Upcycling Movement - Bronze Award - Terra SG (2018)
  - Awarded the Bronze Award for the National Youth Upcycling Movement by Terra SG in 2018.
- Future Transportation Competition - Most Popular Car Award – Singapore Polytechnic (June 2017)
  - Awarded the Most Popular Car Award for the Future Transportation Challenge by Singapore Polytechnic in 2017.

## Co-curriculum Activities (CCA)

- Overflow Special Interest Group (SIG)  
2021 – Current  
Assistant Head of Operations (2022 – Current)
- Entrepreneur Club, Gan Eng Seng School  
2017 – 2020  
Executive Committee (2019 – 2020)

## Referees

- Mr Ng Yaw Tong, Fabian  
Senior Lecturer, Senior Manager at Ngee Ann Polytechnic School of InfoComm Technology

Email: <Removed in GitHub version>

- Mr Tan Ah Chiew, Arthur

Lecturer, Manager at Ngee Ann Polytechnic School of InfoComm Technology

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