

YEO JIN RONG

Year 2 Information Technology Student @ Ngee Ann Polytechnic

📞 91067051

✉️ edricyeo.jr@gmail.com

💻 <https://edricyeo117.github.io/>

PROFILE INFO

As a passionate and driven software engineering student at Ngee Ann Polytechnic, I am eager to explore and contribute to innovative technologies, especially in AI, cloud computing, and full-stack development. With a strong foundation in software engineering principles, including hands-on experience in both front-end and back-end development, Android application design, and machine learning integration

My background has fostered a strong work ethic, adaptability, and keen attention to detail, qualities that I bring to every project. I am eager to tackle real-world challenges, collaborate on innovative solutions, and continuously expand my skill set in a rapidly evolving tech landscape.

EXPERIENCE

2022-2023

Singapore Armed Forces

Comms Technician

- Maintenance and Upkeep of military communication systems, such as PRC-940A VHF manpack for signal operator(s).
- Administration and Logistics handling of such systems for attached unit.

2021-2022

Singapore Armed Forces

Electronic Technician

- Completed basic technician course at Ordnance & Engineering School.
- Maintenance and Upkeep of various military equipments, predominantly communication and network systems within armored vehicles

CERTIFICATIONS

Professional Scrum Master™ I (PSM1)

- Earners of this certificate have demonstrated a fundamental SCRUM mastery and solid understanding of the SCRUM guide

PROJECTS

NutriAid

MVC Application

- Utilises node.js runtime environment with Microsoft SQL and MongoDB Databases, virtual pantry management and recipe generation powered by Spoonacular API. Utilises Bootstrap Front-End framework, in HTML, CSS, Javascript

PocketChef

Android Application

- Utilises Spoonacular API to generate recipes, having features such as Virtual Pantry, QR Code Scanner, Image Classification powered by Tensorflow model and Voice Recognition. Utilises SQLite and Firebase, coded in Java on Android Studio

TECHNICAL STACK

FRONT-END

Frameworks:

- React.js, Bootstrap, Tailwind

Tools:

- Figma, Canva

BACK-END

Frameworks:

- Express.js

Runtime Environments:

- Node.js

DATABASES

SQL

- Microsoft SQL, SQLite

noSQL:

- MongoDB, Firebase, DynamoDB

MISCALLENEOUS

Development Environments:

- Android Studio, Visual Studio

Project Management:

- Jira

Version Control:

- Github

Others:

- TensorFlow, Visual Paradigm, Microsoft Office

EDUCATION

- **2023 - Present**
Ngee Ann Polytechnic
Information Technology (Software Engineering)
 - Cumulative GPA of 3.97
- **2018-2020**
Tampines Meridian Junior College
‘A’ Levels
- **2013-2017**
St Andrew’s Secondary School
‘O’ Levels

ACHIEVEMENTS & AWARDS

- **Director’s List**
For consecutive semesters of Year 1.1 & 1.2
- **Best in Module Award**
Data Science Fundamentals
- **Edusave Award(s)**
Obtained in 2013, 2014, 2017, 2018, 2023

REFERRALS

Low Kheng Hian
Low_kheng_hian@np.edu.sg
Mentor/Lecturer
98388193

PROGRAMMING

LANGUAGES

- C++
- C#
- Python
- Java
- Javascript
- HTML
- CSS