

RAYANN FOO

ASPIRING IT PROFESSIONAL

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SUMMARY

Aspiring IT professional with certifications in Software Engineering and proficiency in React, Next.js, Node.js, Java, C#, and Python. Skilled in problem-solving and effective communication, bridging technical and non-technical gaps and thriving in dynamic team environments to deliver impactful results.

EDUCATION

Ngee Ann Polytechnic - Singapore | Diploma

2023 - Apr 2026

Information Technology, Specialisation in Software Engineering, Minor in Applied Psychology

Relevant Coursework

- Agile Project Management
- Front-End / Back-End Development
- Mobile Application Development
- Full-Stack Development
- Data Structures & Algorithms
- Software Design Patterns
- Designing User Experience

WORK EXPERIENCE

Integrum Pte. Ltd.

2024

Software Development Intern

- Self-sourced vacation internship at a software and AI company specializing in AI-embedded platforms.
- Delivered high-quality work under tight deadlines for an investor demo, which led to a job extension offer.
- Collaborated with teams in Vietnam and India, working closely with the AI team to align front-end development with AI integration needs.
- Developed and maintained cross-platform (web and mobile) user interfaces using Flutter. Implemented responsive design for seamless functionality across devices.
- Prepared front-end for AI agent integration using mock APIs and placeholder interactions.
- Tested and debugged applications for both web and mobile platforms.

PROJECTS

OCBC ATM Prototype

Oct 2024 - Present

- Led a team to deliver a functional ATM prototype within 5 weeks for a problem statement provided by OCBC.
- Implemented key features such as NFC, QR code login, and Pre-Order Cash feature enhancing secure and seamless user authentication.
- Developed the backend logic for ATM operations and set up the frontend UI using React.
- Delivered a well-received prototype, earning an opportunity to present the project at OCBC campus.
- Planned future enhancements, including AI-powered scam detection and face authentication for improved security.

A Warm Refuge

Apr 2024 - July 2024

- A Warm Refuge is a mobile application designed to be a central hub for users seeking mental health assistance.
- Proposed a Community Page allowing users to share and learn more about mental health topics.
- Implemented and created new multi-function chatbot that answers common FAQs, requests to a chat with an agent, as well as an Ask Me Anything AI bot for users to find out more about mental health.
- Link: https://github.com/dextorthec clown/MAD24_P03_04

Eric Chou Cafe website

Dec 2023 - Feb 2024

- Developed a Cafe website that allows the users to participate in the rewards program and browse menu items.
- Technologies used: HTML, CSS, JS, WebAPIs Features a game that allows users to clock points.
- Held a lead role in project coordination and execution.
- Link: <https://sshiyy.github.io/fed-assignment-2/>

TECHNICAL SKILLS

Flutter	HTML, CSS, JS	Continuous Learning Mindset
ReactJS, NextJS, NodeJS	JQuery, SQL	Teamwork and Collaboration
C#, Java, Python, Basic C++	Agile Framework	Strong Communication Skills

ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Mandarin.
- **Certifications:** Responsive Web Development & Full-Stack Development - Heicoders, 2024