

Yeap Ying Er

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SUMMARY

Fresh **Software Engineering** graduate (**CGPA 3.93**) with internship experience at **Electronic Arts** and **ISTQB CTFL certification**. Resourceful problem-solver with hands-on experience building **full-stack** and real-time web applications, with strengths in frontend development, API integration, debugging, automated testing, and cloud deployment.

SKILLS AND PROFICIENCIES

- **Frontend:** React, React Native, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Vite
- **Backend & APIs:** Node.js, Express.js, Socket.IO, REST APIs, PHP, Java, Python
- **Databases & Cloud:** PostgreSQL, MySQL, Supabase, Vercel, Heroku, Cloudflare
- **Testing & Tools:** Playwright, Git, GitHub, Postman, Jira, Figma
- **Languages:** English (Proficient), Mandarin (Native), Bahasa Melayu (Proficient), Korean (Intermediate)

EXPERIENCE

Software Engineering Intern

January 2026 – April 2026

Electronic Arts (FC Mobile), Kuala Lumpur

- Developed the frontend for a real-time football bingo game using React, implementing gameplay logic and interactive game states.
- Integrated REST snapshot APIs and Socket.IO updates, debugging asynchronous state synchronization issues to improve gameplay stability and UI consistency.
- Refactored game logic, state orchestration, and UI rendering into modular structures, and documented frontend data flow using UML diagrams.

EDUCATION

Bachelor of Software Engineering (Hons)

September 2023 – September 2026

Sunway University, Selangor (CGPA: 3.93/4.00)

- **Awards:** Dean's List (All eligible semesters), Jeffrey Cheah ACE Scholarship
- **Key Coursework:** Object-Oriented Programming, Web Programming, Software Architecture and Design Patterns, Database Fundamentals, Data Structure and Algorithms, Software Testing, Requirement Engineering, Project Management.

PROJECTS

Seated ([Link](#))

April 2026 – August 2026

- Built a full-stack platform for reservations, virtual queues, table management, and role-specific customer, staff, and administrator workflows using React, TypeScript, Node.js, Express, and PostgreSQL.
- Implemented real-time queue updates with Socket.IO, JWT-based access control, Twilio notifications, and table-aware wait-time estimation using capacity, queue order, table state, and upcoming reservations.
- Developed 66 backend automated tests and 17 Playwright browser tests covering authentication, reservations, queues, table assignment, and staff/admin workflows.
- Deployed across Vercel, Heroku, and Supabase, configuring Cloudflare DNS for a custom domain, CORS, environment variables, and API/Socket endpoints.

FoodRise Co. ([Link](#))

September 2024 – December 2024

- Developed a PHP/MySQL food donation event coordination platform with CRUD functionality, MVC structure, and responsive UI components.
- Coordinated team workflow, resolved bugs, and aligned implementation with project requirements.

PROFESSIONAL CERTIFICATIONS

- ISTQB Certified Tester Foundation Level (CTFL) ([Link](#)) May 2026

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EXTRACURRICULAR EXPERIENCE

Sunway Tech Club, Sunway University

April 2024 – April 2026

- **General Committee (Public Relations and Marketing Department)**
 - Created promotional content and supported event outreach, planning, and digital design for student-led tech events.

Hackathons

- **Cursor x Anthropic Hackathon Malaysia** December 2025
 - Built a Next.js talent discovery prototype with sports trading-card candidate profiles, skill radar visualisations, search, and responsive UI using Tailwind CSS, Framer Motion, and Recharts.
- **PayHack 2025** July 2025
 - Prototyped a payment orchestration interface with simulated multi-wallet QR payments, fraud alerts, cross-border routing, and transaction analytics using React.
- **Loophole Hackathon** June 2025
 - Designed a team accountability platform for tracking contributions, peer ratings, and identifying freeloaders in group projects using PHP, HTML, CSS, Javascript.
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- **Hack Attack 2.0** June 2025
 - Designed an AI-assisted recruitment concept and Figma prototype focused on resume screening, candidate matching, and application authenticity detection.