Rany Hakley Hong

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Third-year Software Development major with a proven track record in full-stack development, AI project, and team leadership. Skilled in building scalable, user-centered applications with a focus on web accessibility and high-performance architecture. Proficient in Java, Python, C++, and frameworks like Next.js and React. Exceptional problem-solver with hands-on experience in Agile project management.

Education

Swinburne University of Technology   Hawthorn, VIC
Bachelor of Computer Science, Software Development Major   **2023 June – 2025 December**

Relevant Coursework: Object Oriented Programming, Data Structure and Algorithms, Intelligent Systems, Interface Design and Development, and Cloud Computing Architecture.

Experience

Castello's Cardinia Hotel   Pakenham, VIC
Gaming Attendant and Supervisor   **2023 December - Present**

- Led gaming operations, ensuring 100% compliance with regulatory standards.
- Supervised and trained a team of 5+ attendants, boosting team efficiency by 20%.
- Delivered exceptional customer service, resolving 95% of guest issues on the first contact.
- Ensured customer's satisfaction, received many good reviews on google.

Projects & Extracurriculars

Personal Portfolio Website

- Developed a full-stack personal website using React and Next.js, attracting 500+ unique visitors in its first month.
- Integrated Resend API for seamless user messaging and email functionalities to enhance the user experience.

Full-stack AI House Price Prediction Website

- Created a responsive and accessible website using Next.js for frontend, and FastAPI for backend integration.
- Utilized Python for data processing and model training, achieving accurate predictions.
- Managed the project using Confluence and Jira, following Agile methodologies to enhance productivity.

Delivery Vehicle Routing System

- Tackled a complex Constraint Vehicle Routing Problem with Time Window (CVRP-TW) using optimization techniques, reducing delivery inefficiencies.

Full-stack E-commerce Website

- Designed a fully responsive e-commerce website with VueJS and Bootstrap, ensuring high accessibility standards.
- Integrated Firebase for secure user authentication and data storage, maintaining high standards for data protection.

Team Lead for University's Database Project

- Directed a cross-functional team of five in designing and implementing a robust database system, improving workflow efficiency and collaboration across project phases.
- Used Project Management tools like Confluence and Jira to ensure on-time delivery and clear task management.

Introduction to Future Analysis

- Developed strategic foresight through advanced critical thinking and scenario planning, applying these to address real-world challenges.

Skills & Others

Programming Languages: Python (Advanced), Java (Intermediate), JavaScript (Intermediate), TypeScript (Intermediate)

Software and Frameworks: Figma, React, Vue, Next.js, Bootstrap, Tailwind, Git, Confluence, Jira, Photoshop

Languages: English (Fluent), Khmer (Native), Japanese (Intermediate)