Woon Eusean

Polyglot full-stack developer that loves to dabble in new technologies across the board, from web to desktop to mobile. Working professionally for a little over a year but have been constantly learning for more than a decade. If I'm not working on personal projects with bleeding edge technologies, you'll find me at the driving range trying to fix my driver slice.

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Professional Experience

Snappymob Sdn Bhd | Fullstack Software Engineer | September 2023 – Present

Internal:

- **Mentored colleagues** across projects, providing high and low-level consulting to **ensure solutions aligned** with their project needs.
- Provided **cross-functional support** as an advisor and assistant, contributing to tasks related to design and marketing.
- **Founded and led** an employee golf group, coordinating golf-related events to **enhance team bonding** and **promoting positive company culture**.

Client: Cryptocurrency Company | React, NestJS, PostgreSQL

- Engineered **scalable APIs** using **NestJS** for a paywall system, effectively managing traffic volumes of up to **50k monthly active users**.
- Managed client WordPress site and **ensured timely updates** to the site and plugins for optimal performance.
- **Collaborated with in-house designers** using Figma to create landing pages, ensuring designs met client specifications and were implemented with high precision.

Client: China-based Logistics Company | Next.js, Strapi, PostgreSQL, Alibaba Cloud, Docker

- Developed a **responsive and high-performance** user interface using **Next.js**, ensuring a seamless and optimized experience across desktop and mobile devices.
- Implemented the backend using **Strapi**, streamlining content management and providing a **flexible, scalable solution** to meet client needs.
- Managed deployment on **Alibaba Cloud**, utilizing **PostgreSQL** for database management and containerizing services with **Docker** to ensure scalability, reliability, and easy deployment of microservices.
- Collaborated closely with designers, translating **Figma** mockups into fully functional pages, **maintaining design integrity** while ensuring usability and responsiveness.
- Worked closely with **international clients**, gathering feedback and iterating on designs and features to ensure that the final product **met their specifications** and business goals.

Client: Multinational Palm Oil Company | Blazor WASM, ASP.NET Core, MSSQL, Azure

- Developed a secure and scalable **ASP.NET Core** backend to manage the traceability of goods from harvest to finished products, ensuring compliance with strict regulatory standards.
- Designed and implemented a responsive and interactive user interface using **Blazor WebAssembly** (WASM), enabling real-time data visualization and tracking across all stages of the supply chain.
- Worked closely with the client to design and implement features that ensured compliance with the **European Union Deforestation Regulation** (EUDR), enabling accurate traceability and reporting for sustainable sourcing practices.
- Delivered the project under **extremely tight deadlines**, ensuring key features for traceability and compliance were implemented on time, helping the client avoid potential penalties and improve operational transparency.
- Integrated the system with **SAP** to streamline data flow between enterprise systems, enhancing traceability and reporting accuracy across global operations.
- Collaborated with **international teams** to tailor the system to local regulatory requirements and ensure the end product met both functional and compliance standards.

Educational Background

Bachelor's Degree in Computer Science	Asia Pacific University	Sept 2023	3.70/4.00 CGPA
Diploma in Software Engineering	Asia Pacific University	April 2021	3.90/4.00 CGPA

Achievements

Champion of JomHack ImpactHack 2023
GitHub repo

- Worked as a team of four to **surpass 100 teams** of industry-level and university-level teams in a **3-day timeframe**.
- Used **Next.js** and **Flask** for an all-in-one solution for SMEs to integrate multiple channels of data into one for better management and knowledge.
- Implemented **voice recognition, ChatGPT integration, and stable diffusion** for image and video generation.

Champion of UM Hackathon 2023
Frontend repo / Backend repo

- Worked as a team of four to **surpass 30 teams** under pressure from a **3-day time constraint**.
- Used **Next.js** and **Flask** to develop a web app to assist venture capitalists with automated due diligence with the help of AI recommendations and news sentiment analysis for improved startup evaluation.

Champion of Hacktitude 2023

- Worked as a team of three to **surpass more than 50 teams** by producing an application that passed all tests in under nine hours.
- Wrote industry-standard code to conform to strict automated tests with **Node.js** and **Express.js**.

Activities

OSS Contribution – faker-js/faker
12.5k Stars on GitHub

- Contributed a **new function** into the project which generates strings from regular expression (RegEx)
- **Communicated with project maintainers** over the course of 5 months, incorporating their feedback to best fit their standards and requirements.

OSS Contribution – drakkan/sftpgo
9.2k Stars on GitHub

- Created a proof-of-concept file drag-and-drop feature with Dropzone.js v6 to assist the maintainer of the project on deciding a suitable drag-and-drop library.
- Provided the project maintainer with a **clearer view on the pros and cons** of different drag-and-drop libraries, from which they can make informed decisions with.

Technical Skills

- Frontend (React.js, Next.js, Angular, Blazor)
- Backend (Express.js, Nest.js, ASP.NET Core, Spring Boot)
- Databases (MySQL, PostgreSQL, SQL Server/MSSQL)
- DevOps (Azure, Alibaba Cloud, AWS)

Personal Projects
Check out my GitHub for project details

- Portfolio – My 3D portfolio made with three.js
- TextORM – ORM library with text file as storage.
- java-automapper – Utility to map objects to others.
- gamesense_portfolio – Game-inspired web portfolio.