

# 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 payroll 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

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

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## Achievements

<a href="#">Champion of JomHack ImpactHack 2023</a> <a href="#">GitHub repo</a>	Create an all-in-one tool for SMEs to <b>integrate multiple channels of data</b> for better data management and knowledge.
<a href="#">Champion of UM Hackathon 2023</a> <a href="#">Frontend repo</a> / <a href="#">Backend repo</a>	Create a solution to <b>assist venture capitalists</b> with automated due diligence using <b>AI recommendations</b> and <b>sentiment analysis</b>
<a href="#">Champion of Hacktitude 2023</a>	Collaborated in a team of 3 to <b>solve production-grade</b> web-related problems within a short time span.

## Activities

<a href="#">OSS Contribution – faker-js/faker</a> 12.5k Stars on GitHub	Contributed a <b>new function</b> into the project which generates strings from regular expressions (Regex).
<a href="#">OSS Contribution – drakkan/sftpgo</a> 9.2k Stars on GitHub	Created a <b>proof-of-concept</b> file drag-and-drop feature with Dropzone.js v6 to <b>assist the maintainer</b> of the project on deciding a suitable drag-and-drop library.

## 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.