

# HOH SHEN YIEN

📍 Kuala Lumpur, Malaysia ✉ [hohshenyien@gmail.com](mailto:hohshenyien@gmail.com) 🌐 [linkedin.com/in/shen-yien](https://www.linkedin.com/in/shen-yien) 🐙 [github.com/hohShenYien](https://github.com/hohShenYien) 🌎 [shenyien.cyou](https://shenyien.cyou)

*A software engineer who brings ideas to life with seamless functionality. Specialized in crafting innovative solutions and thriving in fast-paced, agile environments.*

## WORKING EXPERIENCE

### Mindworks Interactive (Softwarehouse)

Kuala Lumpur, Malaysia

Part-time Software Engineer

Aug 2022 - Mar 2023

- Developed a growing food-order web application's **payment gateway** using Stripe, facilitating over **70%** of the startup's sales.
- **Led the migration** of legacy codes to **trpc and Next.js**, leading to a **150% speedup in new feature delivery**.
- **Close collaboration** with UI designers and **leveraged my design skills** to build **exceptional user interfaces** from design ideas.

### SupplyCart Technology (Procurement SaaS Startup in Malaysia)

Kuala Lumpur, Malaysia

Intern Web Developer

Jun 2022 - Oct 2023

- Created a **customizable Vendor Self Registration Form** that **reduces registration time from 30 minutes to just a few minutes**, streamlining the process for business users.
- **Reduced system loading time by over 1 second** by identifying and removing redundant queries, while maintaining system integrity.
- Successfully **integrated QuickBooks, XERO API, and webhook**, contributing to over a thousand monthly usages and **collaborating** with a global snack industry.

### Quintagen Tech (Softwarehouse)

Kuala Lumpur, Malaysia

Part-time Web Developer

Feb 2018 - Feb 2020

- **Built** the successful **Starbucks Coffee At Home Event website**, which over 10,000 participants in Malaysia used.
- **Built and managed mobile-responsive E-commerce websites** using WordPress and jQuery, generating **monthly sales of up to RM 40k**.

## SIDE PROJECTS

### InstaNext (Fullstack Web Application)

[\[GitHub\]](#)

- A full-stack Instagram clone developed in **Next.js** for my blog series [Fullstack Instagram Clone with Next.js](#).

### Next Power Starter (Next.js Starter Template)

[\[GitHub\]](#)

- An open-source opinionated starter template for **Next.js** 13 projects.

### APAC Mailer (Electron Desktop Application)

[\[GitHub\]](#)

- Developed an automatic mailing application after noticing an efficiency lag in manual email sending by club committees.
- Used by **multiple clubs** from Asia Pacific University in sending **more than thousands** of emails to students.

## EDUCATION

### Asia Pacific University of Technology and Innovation

Kuala Lumpur, Malaysia

BSc (Hons) in Computer Science (Data Analytics)

Sep 2020 - Sep 2023

- CGPA: 3.91/4.00 (As of year 2)
- Held **president roles & won national-level programming competitions** (see Awards Highlights).

### UCSI College

Kuala Lumpur, Malaysia

A Levels in Science

Jan 2019 - Jun 2020

- Grades: 3A\*
- Top in the World Awards for AS-Level Mathematics

### SMK Seri Bintang Utara

Kuala Lumpur, Malaysia

Malaysian Certificate of Education - Science Stream (SPM)

Jan 2013 - Dec 2018

- Grades: 10A+
- Held **president and treasurer roles** in all clubs involved & **won various national-level Science and Wushu competitions**.

## AWARDS HIGHLIGHTS

### ➤ [Leader] UM Hackathon 2023 — Champion

- **Coordinated the technical work** of 2 other programmers with a business strategist and integrated AI models into a **fullstack application** to develop **VeloCap**, an **AI-driven** venture capital management software.

### ➤ [Leader] Odyssey Hackathon 2022 — Champion

- **Kommunity** is a **React Native** community management and safety application to bridge the security gap in the country.

### ➤ [Leader] Karuna Hacknd Hackathon 2021 — 3rd Place

## SPOKEN LANGUAGES

---

**English** [Native], **Chinese (Mandarin)** [Near Native], **Bahasa Melayu (Malay)** [Fluent], **Cantonese** [Fluent]

## CERTIFICATIONS

---

**Graph Developer - Professional** (Apollo GraphQL)

[\[certificate-link\]](#)

**Data Scientist with R** (Datacamp)

[\[certificate-link\]](#)

**CCNAv7: Introduction to Networks** (Cisco)

[\[certificate-link\]](#)

## COMMUNITY SERVICE

---

➤ **Blogger | Shen's Developer Diary** (2022 - Current)

[\[blogs.shenyien.cyou\]](https://blogs.shenyien.cyou)

- I always have the urge to share what I learned with others, so I started a blog to share my programming experience and knowledge with others. I had **written a complete tutorial series** on Next.js in it.
- Accumulated over **5,000 views** with more than **25 articles**.

➤ **President | Asia Pacific Analytics Club** (2022 - 2023)

- Successfully led weekly meetings with more than **10 committees** over **2 semesters** & collaborated with other clubs and external parties to **double the number of events** organized by the club.
- Organized the most popular talk of the club, "Breaking into the Data Industry," with **over 300 registrations**, featuring speakers who are **local community leaders** and **experts**.

➤ **Voluntary Math Mentor | Rakan Tutor** (2021)

➤ **Voluntary English Mentor | LIT** (2018 - 2019)

## OTHERS

---

### Programming Languages

- JavaScript, Python, Java, PHP, C#, C++

### Technologies

- Frontend: React, Next.js, Vue, Nuxt, Angular, Tailwind
- Backend: Laravel, Nest.js, Express.js, Spring Boot, Flask, Django
- Others: Git, TypeScript, Docker, Linux, PostgreSQL