

# Chong Jun Yuen

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Address: Puchong, Malaysia | My Portfolio Website : <https://my-portfolio-x38x.vercel.app/>

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## Summary

Passionate about software engineering and emerging technologies, I excel at collaborating with teams to deliver high-quality, scalable solutions that enhance user experiences and achieve business objectives.

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## Work Experience

**Webby Group** | <https://www.webbygroup.com/> | Full-time **Malaysia**  
*Software Developer (JavaScript / NestJS)* Aug 2025 – Oct 2025

- Developed and maintained backend services using **NestJS** and **TypeScript**.
  - Implemented a backend API using **GraphQL** and the **CQRS pattern** for efficient data querying and mutation handling.
  - Built and managed **PostgreSQL** database schemas using **TypeORM**, ensuring clean entity relationships and optimized queries.
  - Integrated **Redis** for caching and session management, improving application performance and reducing database load.
  - Containerized backend applications using **Docker** for reliable and scalable deployments.
  - Configured **Nginx** as a reverse proxy for load balancing and secure API routing.
  - Managed backend processes with **PM2** for efficient process monitoring and automatic restarts.
  - Enhanced backend build performance and maintainability with **Webpack** optimization.
  - Tested and validated GraphQL APIs using **Postman** and **Altair GraphQL Client** to ensure correctness and reliability.
  - Collaborated with frontend teams to ensure smooth API integration and consistent system behavior.
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## Education

**University of Information Technology and Management** **Poland**  
*MBA in Information Technology* Sep 2023 – Mar 2025  
Grade: \*\* 81.5% (4.5 / 5.0)\*\*

**Arden University** **United Kingdom**  
*Bachelor of Science (Honours) in Computing* Sep 2020 – Sep 2023  
Grade: First Class Honours

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## Technical Skills

Unreal Engine (C++ and Blueprint), Android Studio (Kotlin and Java), Python, React Native (Node.js), TypeScript, Next.js, React.js, NestJS, Docker/Kubernetes, Tailwind CSS, Java and JavaFX, Unity Engine (C#), AngularJS, Flutter (Dart), Xcode (Swift), Figma (UI Design Tools), Bootstrap (Frontend Framework), Visual Basic (C#), Sublime Text (PHP), JavaScript, Database (MongoDB, Firebase, MySQL, MSSQL, PostgreSQL), Git (Version Control System)

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## Languages

Mandarin, English, Malay, Cantonese

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## Projects Experience

### Side Project

- <https://github.com/junyuenchong/VueJS-CSharp.git>  
Developed a full-stack CRUD platform with a **.NET 10 Web API backend** and **Vue 3 (Vite) frontend**, using **MySQL** and **EF Core**, featuring **JWT authentication**, **refresh tokens**, **CSRF protection**, **RESTful APIs**, and **Docker/Kubernetes** deployment support.

### Interview Testing Project

- <https://github.com/junyuenchong/Nest.js-Project>  
Developed a full-stack blog management platform with a **React.js**, **Tailwind CSS**, **Apollo Client**, frontend and a backend system using the **NestJS** framework with **GraphQL**, **TypeScript**, **TypeORM**, and **CQRS** for a blog management platform, featuring authentication, profile management, CRUD operations, data validation, and relational database modeling.
- <https://github.com/junyuenchong/Items-Management-System.git>  
Developed a full-stack item management platform with **React**, **TypeScript**, and **Ant Design** frontend, and **Node.js**, **Express**, **Prisma ORM**, and **MySQL** backend. Implemented **JWT** authentication, **CRUD** operations, **Redux** state management, form validation with **Zod**, pagination, search, and sorting. Included testing (**Jest**, **Supertest**, **Playwright**), **Dockerization**, **PM2** cluster management, and security best practices.

### Master's Degree Project | <https://github.com/junyuenchong/ReactNativeProject.git> | <https://github.com/junyuenchong/FlutterProject.git> | [junyuenchong/Next.js-E-commerce-Project](https://github.com/junyuenchong/Next.js-E-commerce-Project)

- E-Commerce Mobile App using VS Code (**Flutter**, **Firebase** | **React Native**, **MongoDB**)
- E-Commerce Web App using VS Code (**Next.js**, **TypeScript**, **Prisma ORM** (**PostgreSQL** + **Neon**), **NextAuth.js**, **Redux** for cart management, **SWR**, **Socket.IO**, **Tailwind CSS**, **Zod**, **Cloudinary** for image storage)

### Degree Research Project | <https://youtu.be/pW83vy4bgew>

- The Walking Evil Retribution in Virtual Reality (**Unreal Engine**): An investigation of using VR to fight phobias and improve problem-solving skills (Grade 82%)

### Diploma Project | <https://github.com/junyuenchong/PHP-Hotel-Booking-Website.git>

- E-commerce website and 2D game (Unity Engine) using Visual Studio (**ASP.NET**, **C#**, **MS SQL**)
  - E-commerce mobile app using Android Studio (**Kotlin**, **Firebase**)
  - E-commerce and hotel booking website using Sublime Text (**PHP**, **JavaScript**, **MySQL**)
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## Hobbies & Interests

I enjoy reading tech blogs, traveling, jogging, playing badminton, and video games. I am also passionate about exploring new technologies and developing mobile and web apps.