

CHAN KWAN WING (KEN)



SAVE CONTACT

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🌐 KWANWING.ME

PROFESSIONAL SUMMARY

Chief Software Engineer and technical founder specializing in full-stack TypeScript development. Focused on AI automation, leveraging Playwright and local LLM orchestration to deliver intelligent, production-ready web applications. Expert in architecting scalable SaaS platforms and PWA applications.

EXPERIENCE

Chief Software Engineer

SKYDREAMCITY TEAM

Apr 2025 - NOW

- Architected PWA applications and SaaS platforms, including YourAIApps.Online, to build AI-driven software warehouses for SMEs.
- Developed an internal Retrieval-Augmented Generation (RAG) AI chat assistant, enabling users to securely query and extract insights from uploaded enterprise documents.
- Engineered AI-driven web automation agents utilizing Playwright and built intelligent internal micro-systems to streamline business operations.
- Established a high-performance, modern full-stack architecture heavily utilizing the TypeScript ecosystem, specifically Node.js (Fastify) for backend services and Vue.js (Nuxt 3 SSR) for frontends.

Head of IT (Team Head Under 360 Team)

SWIVEL SOFTWARE

Jul 2022 - Apr 2025

- Spearheaded the development of "360", a flagship B2B Collaborative Portal designed to deliver end-to-end operational visibility and data transparency for logistics management and enterprise clients.
- Led the engineering team in modernizing legacy logistics platforms, successfully transitioning them into scalable architectures driven by TypeScript, Node.js, and Vue.js.
- Managed deployment pipelines, CI/CD processes, and system reliability to ensure uninterrupted service for global logistics operations.



Software Engineer

SWIVEL SOFTWARE

Mar 2018 - Jun 2022

- Developed and optimized core backend microservices and databases for high-traffic logistics management systems using TypeScript and Node.js.
- Collaborated on architectural decisions to improve system performance, scalability, and data processing efficiency.



Programmer / Intern

YAKOO TECHNOLOGY LIMITED

Jun 2015 - Feb 2018

- Developed and maintained responsive web applications and customized CMS systems tailored for client needs.
- Gained foundational full-stack experience in PHP frameworks and frontend technologies.

ACADEMIC HISTORY



Master of Science in Software Technology

POLYU (MSC)

2016 - 2018

Focus on advanced software engineering and modern tech stacks.



BSc (Hons) in Applied Sciences

POLYU SPEED

2014 - 2016

Information Systems and Web Technologies.



Associate in Information Technology

HKCC (POLYU)

2012 - 2014

Foundational computing and IT systems.



Secondary Education

C.C.C. KEI CHI SECONDARY

2006 - 2012

Graduated successfully.

AI AND AUTOMATION

PLAYWRIGHT OLLAMA PROXMOX AI AGENTS

CORE STACK

TYPESCRIPT NUXT 3 NODE.JS VUE.JS TAILWIND 4

DATABASE

PRISMA MYSQL MSSQL POSTGRESQL REDIS

INFRASTRUCTURE

DOCKER LINUX CLUSTER GITHUB ACTIONS

AVAILABILITY

Available from May 2026