

# Bobby, Yeung Wing Man



## PROFESSIONAL SUMMARY

Building scalable cloud solutions and intuitive web applications. Specialized in modern frontend architectures and serverless backend systems. A highly motivated developer with a strong foundation in algorithmic problem solving and a proven track record of delivering high-quality software solutions. Dedicated to writing clean, maintainable code and staying up-to-date with emerging technologies.

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Portfolio: [www.bobbyyeung.com](http://www.bobbyyeung.com)

## TECHNICAL SKILLS

**Languages:** Typescript, PHP, Python      **AI:** RAG, LangChain, LangGraph, Qdrant  
**Framework:** NestJS, Hono, Laravel, Yii2,      **Cloud & DevOps:** AWS, Docker, SST, Terraform  
Wordpress  
**Database:** PostgreSQL, MySQL, Redis, MongoDB

## EXPERIENCE

### Software Developer | 2022 – Current

Vioo Company Limited

*Design, develop, test, maintain and troubleshoot scalable backend systems and platforms for B2B/B2C clients in education and e-commerce sectors.*

- Architected **AI RAG** agent with **e-commerce integration**, implementing knowledge-base ingestion (PDF/Word/image/CSV) with vector search and deployed on AWS using SST/Terraform, delivering personalized health insights and product recommendations.
- Built **multi-location digital signage CMS platform** using NestJS and MySQL, implementing **multi-level RBAC** and real-time content synchronization to IoT displays with 10-second refresh latency.
- Maintained **3+ admission systems** with strict **multi-branch data separation**, delivering **RESTful APIs** and automation for inventory forecasting, mobile payments, appointment booking, and digital assessments.
- Developed **complex WooCommerce discount engines** handling multiple promotion types, ensuring accurate calculations and optimizing WordPress performance through code refactoring.
- Implemented **self-hosted GitLab infrastructure** with Docker, designed CI/CD pipelines, and established automated backup strategies on AWS EC2.
- Replaced **legacy systems** using TypeScript/PHP, NestJS/Hono, MySQL/PostgreSQL, Docker, and cloud infrastructure, improving system reliability and operational efficiency.
- Collaborated with clients and cross-functional teams to gather requirements, conduct **impact analysis**, and ensure successful deployments while maintaining code quality.

## CERTIFICATIONS

### AWS Certified Solutions Architect – Associate

Amazon Web Services Training and Certification  
Issued January 2026

## AVAILABILITY

1 Month Notice

## LANGUAGES

English ●●●  
Cantonese ●●●●●  
Mandarin ●●●●

## EDUCATION

### Bachelor of Science (Honours), Financial Technology

The Hong Kong Polytechnic University

### 2020–2022

Grade: 3.00, Second Class Honours, Division 1

### Higher Diploma in Financial Technology

Hong Kong Institute of Vocational Education (Tsing Yi)

### 2018–2020

Grade: 3.45  
Major courses: AI, Blockchain, Cloud Computing, Big Data, Quantitative Analysis, Cyber Security