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.

Email: bobbyyeung81@gmail.com   **Phone:** +852 66747755
Portfolio: www.bobbyyeung.com

TECHNICAL SKILLS

Languages: Typescript, PHP, Python
Framework: NestJS, Hono, Laravel, Yii2, Wordpress
Database: PostgreSQL, MySQL, Redis, MongoDB

AI: RAG, LangChain, LangGraph, Qdrant
Cloud & DevOps: AWS, Docker, SST, Terraform

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.

Intern Programmer | 2021 – 2022

Vioo Company Limited

- Maintained Beacon Admission System (PHP/Yii2/Laravel) and Zinomall e-commerce platform (WordPress/WooCommerce), handling daily bug fixes and small maintenance tasks.
- Investigated and resolved client-reported issues, ensuring system stability and reliability.

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