CHEN, BING-YANG (陳秉洋)

Taipei, Taiwan bryan.chen.429@gmail.com

SKILLS

Languages & Frameworks	Python, TypeScript, JavaScript, Dart, Django, FastAPI, React, Vue, Flutter
Databases	PostgreSQL, MySQL, Redis
DevOps & Cloud	AWS, Linux, Docker, Kubernetes, Git
Others	Elasticsearch, RabbitMQ, Airflow, GraphQL

CAREER SUMMARY

Backend Engineer · **Swag** Jan. 2026 – Present

- Built the affiliate backend from scratch with FastAPI, HMAC-authenticated APIs, and idempotent credit transfers.
- Integrated a game wallet with a PostgreSQL ledger, deduplicated transactions, and automated reconciliation.
- Migrated domain availability APIs from Flask/MongoDB to async FastAPI/PostgreSQL with Redis caching.
- Integrated GrowthBook for feature rollouts and A/B tests, with configuration migration and CDN invalidation.
- Built a Telegram video service with on-demand transcoding, signed service APIs, and reusable uploads.

Senior Backend Engineer · **Gaia** Dec. 2024 – Dec. 2025 (1 yr 1 mo)

- Architected the backend of a customer-facing enterprise AI knowledge platform from 0 to 1, enabling conversational AI, knowledge base management, RAG-powered retrieval, multimodal generation, and modular MCP integrations.
- Built and owned core platform capabilities including authentication, SSO, RBAC, and file upload functionality for a customer-facing product.
- Optimized database schemas and refactored backend services, reducing chat loading time by 67%.
- Improved engineering practices by mentoring teammates, defining coding standards, and systematizing code reviews, reducing new engineer ramp-up time from one week to one day.

Backend Engineer · **Pinkoi** Mar. 2023 – Dec. 2024 (1 yr 10 mos)

- Designed and implemented guest shopping cart functionality, enabling a seamless checkout experience for non-registered users.
- Integrated Taiwan's Cultural Points program and ShopBack Hong Kong, supporting new purchasing channels and driving order growth in targeted markets.
- Re-architected the free-shipping eligibility computation pipeline, reducing computation by nearly 50% while ensuring promotion accuracy during high-traffic campaigns.

Backend Engineer · **Sysfeather** Mar. 2022 – Mar. 2023 (1 yr 1 mo)

- Built backend services for a multi-tenant e-commerce platform while leading the technical proof of concept for social commerce integrations.

EDUCATION

National Chengchi University (2017–2021)

B.A. in Economics *GPA: 4.1/4.3*

SOCIAL LINKS

GitHub github.com/bingyangchen

Personal Site byc1999.com