

You-Jun Yu 余佑駿

Data & AI Solution Architect / Enterprise Trainer / TPM

 AWS Certified x7 — Data Engineering • ML/AI • Solutions Architecture

 NVIDIA/Azure/GCP Certified

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National Cheng Chi University (NCCU)
Master of Statistics, graduated in 2019

National Tsing Hua University (NTHU)
Bachelor of Mathematics, graduated in 2017

PROFESSIONAL EXPERIENCE

International Business Machines Corporation (IBM) Consulting | Application Architect 02.2025 ~ present

- **Enterprise Modernization & Data Architecture:** Advised banking and insurance clients on 3–5 year transformation programs; co-developed target architectures and tech standards spanning CDC, event-driven integration, distributed transactions, and NFRs
- **GenAI Enablement & Prototyping:** Built GenAI prototypes for business-process documentation and on-premises Ollama-based legacy-code reverse engineering; co-organized the consulting team's first internal GenAI workshop and supported onboarding for junior consultants

President Chain Store Corporation, PCSC | Technical Project Manager 07.2023 ~ 02.2025

- **Near real-time Data Platform:** Architected and prototyped a cross-brand GCP streaming platform using Pub/Sub, Dataflow, BigQuery, and Cloud Storage, processing ~200 GB/day with P95 latency under 2 sec
- **Data Architecture & Governance:** Defined dual-path ETL/ELT patterns for real-time analytics and raw-data processing, including subscription governance and cost allocation across business units
- **GenAI Retail Experience:** Designed and prototyped a voice-based conversational agent for Books.com.tw (博客來); presented the concept to executives and supported semantic search and multi-turn recommendations for ~300 customer interactions during a launch day

Nextlink Technology | Cloud Solution Architect 07.2021 ~ 07.2023

- **Cloud Data & ML Solutions:** Built a media CDP and ETL pipeline using S3, Glue, Lambda, and Redshift for multi-source data integration and customer tagging; separately designed an AutoML-based object detection solution for manufacturing and advised financial-services clients on MLOps
- **AI & Event-Driven Automation:** Developed an OCR pipeline using Vision AI, Cloud Run, GCS, and Eventarc, helping reduce manual processing effort by ~30%; also introduced enterprise GenAI concepts through LangChain/pgvector-based semantic-search PoCs

National Center for High-performance Computing, NCHC | Data Scientist 09.2019 ~ 06.2021

- **Data & ML Engineering:** Built end-to-end data and ML workflows across healthcare, manufacturing, telecom, and media domains, covering data preparation, feature engineering, model development, and containerized deployment.
- **Predictive Modeling & Anomaly Detection:** Improved sepsis-alert precision 5× using XGBoost, hyperparameter tuning and NLP feature engineering; applied FFT and change-point detection to industrial vibration time-series data, achieving 95%+ anomaly-detection accuracy and earlier warning capability

[Tech Leadership] Trainocate Taiwan Co. Ltd. | GCP Authorized Trainer (Freelancer) 09.2023 ~ present

- **Enterprise Data & AI Enablement:** Designed and delivered enterprise training covering data warehousing, data lakes, ETL/ELT, streaming architectures, and agentic AI across Taiwan and China; maintained a 4.8/5 rating and guided ~500 practitioners toward professional certifications.