You-Jun Yu 余佑駿

Technical PM / Cloud Trainer / Solution Architect / Data Scientist

GCP Certified*10, Authorized Trainer

aws AWS Certified*4   **Azure*6**

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WORKING EXPERIENCE

President Chain Store Corporation | Solution Architect & Technical Project Manager

Taipei, Taiwan
07.2023 ~ present

Lead the company on its digital and cloud transformation journey, while providing **expertise in technical development, system design, project planning, and execution**. Established robust communication channels between BUs and across the organization

- **Design the Gen AI chatbot** tailored for specific environments and integrated cutting-edge technologies into real business scenarios, reducing workload for staff and elevating customer interactions.

- Develop **the first real-time data transmission and subscription pipeline**, enabling instantaneous data analytics and more agile resource management through microservices architecture.

Nextlink Technology, Data Solution Division | Sr. Data Scientist & Solution Architect

Taipei, Taiwan
07.2021 ~ 07.2023

Assist customer to **translate their business needs into cloud-centric solutions and design the architecture for data analysis systems to increase performance, reliability, and scalability.** Empower Organization to maximize their data value and automate the data pipeline. Integrate resources across teams to provide a better cloud-native experience.

- Integrate data from multiple channels by constructing scalable and automated pipelines based on microservice, which reduce the operational complexity. **Build the customer data platform(CDP) and tagging system** to offer the in-time precision marketing strategy**. Establish MLOps** for rapidly rolling out applications

- Introduce AI/ML Service on GCP, include the latest Generative AI. **Design the architecture utilizing pgvector, LangChain, and LLM to establish a knowledge database tailored for enterprise needs.**

- Establish the OCR(Optical Character Recognition) system by GCP Vision AI, Cloud Run, GCS and Eventarc. Implement the event-driven in whole data pipeline and use Python to enhance image quality. Build a simple uploader website and dashboard to save 30% manpower and present the real-time competitor's sale promotion.

National Center for High-performance Computing | Data Scientist

Hsinchu, Taiwan
09.2019 ~ 06.2021

Intern
08.2018 ~ 08.2019

Integrate open-source tools to build custom business scenario solutions. Also, **establish an end-to-end ML solution to speed up the workflow from development to deployment**. Have dealt with various domain data, including Healthcare, Manufacture, Telecom, & News.

- Used Xgboost with hyper-parameter tuning and compared various feature engineering methods of short-text NLP to make model PPV up 5 times in septicemia alert.

- Applied FFT, and change-point algorithm to improve model accuracy(at least 95%) and reach early warning in vibration analysis and anomaly detection.

AWARDS, SIDE PROJECT

- (T-brain, Tomofun) Recognize Sounds Between Pets and Surrounding – 4th Prize & Judging Awards

- (D4SG Project) #3"Integrate Open Data and build database for display and search", #5"Analysis Unemployed Labor and Recommend Candidates to Taipei Gov Social Welfare"