

Che-Ting Kuo

Contact Information:

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Professional Summary:

Experienced Solutions Architect with over 10 years in system integration, data analysis, and cloud technology. Proficient in Python and cloud platforms (AWS, GCP, Azure), I have successfully led and delivered large-scale projects. Skilled in technical leadership, cross-functional collaboration, and client relationship management.

Key Skills:

Cloud Platforms: AWS, GCP, Azure

Programming Languages: Python, PHP, JavaScript

Frameworks & Tools: FastAPI, LangChain, Spark, Kafka, Vue.js

Data Analysis & Machine Learning: Scikit-learn, TensorFlow

DevOps: Docker, Kubernetes, CI/CD

Professional Experience:

Vext Technologies | Senior Software Engineer (March 2023 – Present)

- Implemented LangChain framework integrating Pinecone, OpenAI, AWS Bedrock, and Google Gemini.
- Designed systems using GCP Cloud Run and Cloud Functions.
- Developed OAuth 2.0 mechanisms for third-party data integration.
- Integrated Vext API with IM chat software.

mlytics | Software Architect (August 2017 – March 2023)

- Collaborated with Sales to present solutions, leveraging R&D and DevOps expertise.
- Assisted clients with Multi CDN setups and conducted competitor analyses.
- Designed and developed custom system architectures for optimal performance.
- Achievements: Efficient log parsing with Spark and Kafka, rapid microservice deployment.

Billabs | Software Engineer (Part-time) (May 2021 – September 2021)

- Led backend system design, integrating with IOTA for enhanced data retrieval.
- Developed a Vue.js front-end web interface with robust API integration.

Tevify | Software Developer (Self-employed) (June 2019 – March 2021)

- Designed and integrated IoT systems, utilizing backend servers and MQTT technology.

I-CG | Consultant (November 2016 – August 2017)

- Analyzed log files and labeled data for machine learning applications.
citisocial | Software Engineer (December 2015 – November 2016)
- Developed e-commerce systems with Python, Shopify SDK, and Django.
- Implemented predictive analytics to enhance purchase rates.

Education:

Arizona State University | Master of Engineering (MEng) in Computer Engineering

National Chung Hsing University (NCHU) | Master's Degree in Chemical Engineering

National Taipei University of Technology (NTUT) | Bachelor's Degree in Chemical Engineering

Certifications:

Data Analysis (Google)

ITIL Service Operation

Languages:

Chinese (Native)

English (Limited Working Proficiency)

Japanese (Elementary Proficiency)

Projects and Achievements:

Successfully supported large-scale streaming projects with up to 50,000 online viewers.
Led the design and implementation of a remote medical system using Django/Flask.