

Rufus Hsu

RDatChunghwa Telecom Co., Ltd. building deployable, maintainable AI-enabled systems across agent workflows, cloud architecture, automation, and practical web applications.



EMAIL
rufushsu9987@gmail.com

WEBSITE
www.yuchenhsu.site

GITHUB
github.com/rufushsu9987

LINKEDIN
[linkedin.com/in/rufus-hsu-aa41063b5](https://www.linkedin.com/in/rufus-hsu-aa41063b5)

**M.S. in Computer Science ,
National Taipei University**

PROFILE

Engineer focused on turning prototypes into systems that can be deployed, observed, maintained, and improved by real teams. Rufus works across LLM/RAG workflows, AI agents, GCP/Azure services, CI/CD, dashboards, and developer tooling.

SELECTED PROJECTS

ASR-D Personalized Dysarthric Speech Recognition

Built a personalized ASR and patient analysis workflow combining speech model fine-tuning, historical correction, LLM/RAG post-processing, and review interfaces.

ASR

LLM/RAG

NLP

Chinese Spell Checking and Correction

Collaborated around Chinese NLP workflows including corpus construction, BERT-to-LLM experimentation, error detection, candidate correction, and iterative evaluation.

BERT

LLM

Chinese NLP

AI Agent Applications and Workflows

Designed agent workflows around LLMs, tool calls, state management, and deployable local/cloud experimentation paths for practical automation.

Agent

Tool Use

Automation

Cloud Architecture and DevOps Optimization

Moved AI and web prototypes toward service-style architecture using GCP, Azure, Cloud Run, App Engine, SQL, Azure DevOps, ACR builds, and CI/CD checks.

GCP

Azure

CI/CD

CURRENT ROLE

Chunghwa Telecom Co., Ltd. / RD

Turning AI prototypes into deployable and maintainable products and services.

TECHNICAL STACK

CLOUD

GCP, Azure, Cloud Run, App Engine, Managed Identity

AI

LLM, RAG, AI Agent, MCP, SKILL

BACKEND

Python, Java, REST API, SQL, FastAPI

FRONTEND

React, Vite, HTML, CSS, JavaScript, Responsive UI

DEVOPS

Docker, CI/CD, Azure DevOps, ACR, GitHub Pages, Cloudflare

WORKING STYLE

Validate first

Service-ize next

Automate last