

- Summary
 - High-performance systems architect with **5+ years** designing cloud-native SaaS and data center automation. Scaled systems to **100k+ QPS** with **99.5%+ SLA**. Optimized data retrieval and deployment latency **from 30+ min to <2 sec**. Expert in Python, Azure, K8s, with proven experience in **zero data loss and near-zero RTO**. Leverages modern AI-assisted tooling to accelerate development while maintaining code quality and system reliability.
-

Senior Software Engineer, [Wiwynn](#), Oct 2022 - Present

Python | PostgreSQL | DevOps | K8s | Kafka | Azure

- Built high-concurrency immersion cooling infra supporting **100k+ concurrent requests**, achieving **99.5%+ SLA**.
- Architected a data platform handling **150k+ concurrent tasks**, **zero data loss**, **near-zero RTO**; reduced retrieval latency **99%**.
- Automated K8s deployment: provisioning **hours → minutes**, deployment cycles **tens of minutes → seconds**.
- Standardized cross-region data workflows, reducing transfer latency **minutes → seconds**.
- Optimized API & DB: **response times +99%**, async Kafka layer reduced latency **3 mins → near real-time**.
- Infrastructure automation: **MTTR hours → minutes**, routine incident resolution **100% autonomous**.

Backend Engineer, [PalUp](#), Jun 2022 - Sep 2022

- Developed image recognition system using YOLO & Flask, achieving **95% accuracy** across multi-platform UI components.

R&D Substitute Military Service, [AUO](#), Aug 2020 - May 2022

- Designed and automated smart factory logistics systems using Python, PostgreSQL, and CI/CD to optimize manufacturing workflows.
-

- Education
 - M.S. & B.S. in CSIE, National Chung Cheng University (2014 – 2020)