ARKAR PYAE PHYO

Junior Cloud / ML Engineer

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Portfolio Website

SUMMARY

International engineering student at Mae Fah Luang University, focused on cloud computing and machine learning. I build secure, scalable systems—backend services to real-world ML deployment—and I'm always learning and contributing to impactful projects.

EDUCATION

Mae Fah Luang University, Chiang Rai, Thailand   August 2023 - Present
Bachelor of Engineering in Digital and Communication Engineering

- Relevant Coursework: Machine Learning, Cloud Computing, Networking, Embedded Systems
- GPAX 3.98

SKILLS

Programming Languages: C#, Python, SQL, JavaScript

Technologies: Linux, Git, Terraform, Docker, Kubernetes, Jenkins, Apache Spark

Soft Skills: Proficiency in English, Public Speaking, Team Collaboration

ACADEMIC PROJECTS

AI Exam Proctoring Web Platform — Senior Project (In Progress)
- Owned Python tasks: event logging + evidence screenshots, webcam checks (head-turn / no-person) using OpenCV.

Parkinson's Memory Training Assistant (Dataset-driven) — ML Product Prototype
- Built a dataset-driven memorization training app for people with Parkinson's, with personalized exercises and progress tracking.
- Implemented data pipeline (cleaning, train/val split, leakage checks), integrated outputs via API, and added privacy-aware logging + basic monitoring.

Object Detection Prototype (YOLO/SSD)
- Trained an object detector and built an image/video inference pipeline; documented performance + failure cases.

ACHIEVEMENTS

Grand Prize Winner (National Round)   2025-2026
- Huawei ICT Competition - Cloud Track
  Representative of the Thailand

1st Runner-Up   June 26-27, 2025
- Code for Hope Hackathon
  Payap University, Chiang Mai, Thailand

Winner   March 23 – April 6, 2024
- AR/VR Joint International Workshop & Competition (JIWC) 2024
  Mae Fah Luang University, Chiang Rai, Thailand

2nd Runner-Up   August 9-24, 2025
- AI/GAME Joint International Workshop and Competition (JIWC) 2025
  Mae Fah Luang University, Chiang Rai, Thailand

CERTIFICATIONS

Huawei Cloud Certified: HCIA-Cloud Service, HCIA-IOT, HCCDP-Solution Architectures, HCCDP-Cloud Migration, HCCDA-Cloud Native, HCCDA-Tech Essentials, HCCDA-Ai