



CONTACT ME



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SKILLS SUMMARY

●●●● Python

●●●● C, C++

●●●● Docker, Kubernetes

●●●● NextJS, React

EDUCATION HISTORY

Civil Aviation Training Center

BE, Avionics engineering

Jan 2013 - Dec 2017

- GPA : 2.75
- Studied on electronics design.
- Airplane system and structure



AWARDS RECEIVED



IEEE Conference presentation,
Design of a dual-band Verre de
Champagne Fractal CPW antenna for
LTE and aircraft altimeter application
- Okinawa, Japan Oct 2016

TANUPAT PHASITHJIRAKUL

DATA SCIENTIST & SOFTWARE DEVELOPMENT ENGINEER

PERSONAL PROFILE

Experienced in C++, Python, DevOps and Data Analysis, adept at analytical problem-solving. Fast learner, team-oriented.

WORK EXPERIENCE

Scientist 3, Data Science

Western Digital | Sep 2021 - present

- Web Application for Material Verification to streamline the submission, review, and approval of material verification results, generate summarized material reports for improved efficiency and workload. (NextJS, Python, Docker, MySQL)
- Test cost reduction machine learning model pipeline - Configured Airflow to process raw data from Redshift for training new models. Integrated MLflow to log and track model performance and metadata. Deployed trained models for production use. (Kubernetes, Docker, Python, Celery)

Senior Engineer,

Software development engineering (Apps)

Western Digital | Sep 2021 - Feb 2024

- LAB PC Performance monitoring - Monitor the test application CPU and Memory usage during test (NextJS, MySQL, Time Series DB, Grafana, Python as BE with MVC, Docker, Kubernetes, Redis)
- Coded an ETL pipeline to use historical test time data to reduce the test time in production, utilizing Python, SQL, Apache Airflow, and Kubernetes.

Engineer, Software development engineering (Apps)

Western Digital | Nov 2017 - Sep 2021

- Test Development Engineer (MCF)
- Support test code for harddisk drive using C++
- Develop application to make team working easier (PyQt)
- Develop website to support request to calculate statistic result (Python + SPSS, JS, HTML)