



Ken Hu

I have 2 + years of DevOps experience. I built the Kubernetes cluster from scratch using an on-promise machine and open-source tools. I love to learn new technologies and implement them in our daily life.

Taiwan Taipei <https://k402xxxcenxxx.github.io/>  

Experience



Full stack engineer • Inventec Corp. Oct 2019 - Present

DevOps: Support an AI-inside pure-software Medical Device product

- API server automation
- Replicated database integration
- End-to-end deployment test

MLOps: Deploy multi-node Kubernetes clusters with HA

- Tools & Services: `microk8s`, `Kubeflow`, `Katib`, `Jenkins`, `GPU-operator`, `Prometheus`, `Grafana`, `Synology-iscsi CSI`, `OIDC auth with Gitlab`, `OpenEBS`, `Istio`
- 10 physical servers maintenance, including monitoring, networking and purchasing

Medical device documentation: support as a DevOps and an IT role

- Build QMS from scratch and get the QMS certificate in 2022 ([TFDA news](#) No. 1258)

Algorithm development:

- 3D CAD (.stp): automatically generate report(.pptx) of key part measurement
- Survey the algorithm of **person re-id** and make a demo of migration in existing solution
- Survey and implement the algorithm of **social distance estimation**

Full stack: Develop a platform for AOI results

- Including frontend(html, JavaScript, CSS) and backend(PHP)
- Encryption of server-side source code (license and expired date)
- Containerized

Education



2017 - 2019

國立臺灣大學 Nation Taiwan
University

Master of Computer Science



2013 - 2016

國立臺灣科技大學 National Taiwan
University of Science and Technology

Bachelor of Computer Science

Skill

Python, C/C++, Kubernetes

Skill Set	Use	Deploy	Develop
Jenkins	✓	✓	✓
microk8s, Kubeflow, GPU-operator, Synology-iscsi CSI, Istio	✓	✓	
Katib, Prometheus, Grafana, OIDC, OpenEBS	✓		