

Joe (Yung-Hung) Huang

✉ yunghunhuang984@gmail.com | 💬 blackdesert575 | 🗺 Taiwan (R.O.C) Taipei

EXPERIENCE

System / DevOps Engineer <i>Logic Solutions Inc.</i>	Jun. 2025 – Present
<ul style="list-style-type: none">Working in Linux terminal environment.AWS Infrastructure management with Terraform/Ansible.Administration CI/CD pipelines with jenkins/ArgoCD.Administration Bastion host with Consul/Assets/Golane stack.Administration Monitoring system with Prometheus, Grafana, Consul stack.Building system on AWS or on-premise environment.Reviewed an existing GitOps-based Kubernetes architecture on AWS EKS and, based on product scale, operational cost, and system maturity, led the decommissioning of EKS node groups and the retirement of related subsystems (Istio, Karpenter, Argo CD, etc.) to reduce operational overhead and technical debt.	
System/Site Reliability Engineering (SRE)/DevOps Engineering <i>Mending Technology CO., LTD.</i>	Nov. 2023 – Dec. 2024
<ul style="list-style-type: none">Working in Linux terminal environment.Administration a cryptocurrency exchange platform on AWS and on-premise infrastructure.Administration kubernetes clusters on AWS or on-premise environment.AWS/Cloudflare Infrastructure management with Pulumi/Ansible.Administration CI/CD pipelines with Gitlab CI/jenkins.	
Site Reliability Engineering (SRE)/DevOps/Cloud engineering <i>CloudRock Technology Co., Ltd</i>	Nov. 2021 – April. 2023
<ul style="list-style-type: none">Working in Linux terminal environment.Development of Python automation project for web monitoring.Development of streaming platlform project based on GCP(GKE)/Aliyun(ACK).Cloud(AWS/GCP/Aliyun/Cloudflare/...etc) Infrastructure management with JumpServer.Administration kubernetes clusters on AWS(EKS)/GCP(GKE)/Aliyun(ACK).Administration CI/CD pipelines with Gitlab CI/jenkins/Tekton.	
IoT Bootcamp (Full-Stack & System Fundamentals Training) <i>Industrial Technology Research Institute (ITRI)</i>	Jan. 2021 – May. 2021
<ul style="list-style-type: none">Completed an intensive hands-on training program covering web development fundamentals, system programming, Linux environments, networking basics, and IoT system integration.<ul style="list-style-type: none">* Building an IoT monitoring system (IndoorAirBox) using Raspberry Pi and ESP8266, focusing on temperature and humidity data collection with available course resources.	

PROJECTS

homelab	Jun. 2023 – Present
<ul style="list-style-type: none">Building infrastructure with Proxmox VE to support many persoanl projects's Linux Lab environment.	
resume	Mar. 2023 – Present
<ul style="list-style-type: none">Building a online CV website based on LaTeX to record my experience, projects, education, skills.	

EDUCATION

National Dong Hwa University <i>Master of Science in Materials Science and Engineering</i>	Sep. 2016 – Jan. 2019 Shoufeng, Hualien
• Thesis: Ultrafast Pump-probe Transient Absorption Spectroscopy of Layer-controllable Molybdenum Disulfide Films • Research: Semiconductor Materials	

National Dong Hwa University <i>Bachelor of Science in Materials Science and Engineering</i>	Sep. 2012 – Jun. 2016 Shoufeng, Hualien
• Program of Advanced Materials	

SKILLS

Languages: Mandarin (native), English (professional working proficiency)

Programming Languages: Python(proficient), Bash(competence), SQL(competence), Rust(competence), Golang(beginner)

Version Control: git

Frameworks: Django, FastAPI, Selenium, pandas, SQLAlchemy

Operating system: Linux(proficient), macOS(competence), Windows(beginner)

Continuous Integration(CI) & Continuous Delivery(CD): GitLab Runner, Github Actions, Jenkins, Tekton Pipelines, Argo CD

Streaming & Messaging: Apache RocketMQ, RabbitMQ

Scheduling & Orchestration: Kubernetes(EKS, GKE, ACK, k0s, k3s...etc)

Subsystems & For Kubernetes: ingress-nginx, cert-manager, ECK(Elastic Cloud on Kubernetes) operator, KEDA, Istio...etc

Service Proxy: NGINX, HAProxy, MetalLB, Envoy

Coordination & Service Discovery: Apache Zookeeper, Nacos, Consul

Container Registry: Harbor

Automation & Configuration: Ansible, Atlantis, Terraform, Terragrunt, Pulumi, Ansible

Cloud Providers: AWS, Google Cloud, Alibaba Cloud, Cloudflare

Certification: AWS Certified Solutions Architect Associate, AWS Certified Cloud Practitioner