

Joe (Yung-Hung) Huang

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EXPERIENCE

System / DevOps Engineer <i>Logic Solutions Inc.</i>	Jun. 2025 – Present
<ul style="list-style-type: none">Working in Linux terminal environment.Managed and provisioned AWS cloud infrastructure using a Terraform / Terragrunt / Atlantis / Ansible stack integrated with Git-based workflows.Administration CI/CD pipelines with Jenkins/ArgoCD.Administration Bastion host with Consul/Assets/Golane(With Golang implementation) stack.Administration Monitoring system with Prometheus, Grafana, Consul stack.Building system on AWS or on-premise environment.	
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.Participated in on-call rotations (about 1 week a month), troubleshooting issues in Prod environment with teams membersSupporting a cryptocurrency exchange platform on AWS or on-premise infrastructure.Administration k8s(kubernetes) clusters on AWS or on-premise environment.AWS/Cloudflare Infrastructure management with Pulumi/Ansible.Administration CI/CD pipelines with Gitlab CI or 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.Participated in on-call rotations, troubleshooting issues with teams membersDevelopment of Python automation project for web monitoring.Development of streaming platform project based on GCP(GKE)/Aliyun(ACK).Cloud(AWS/GCP/Aliyun/Cloudflare/...etc) Infrastructure management with JumpServer.Administration k8s(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