

Tseng, Li

Taiwan (Open to relocation) | tseng.li.tw@gmail.com | codingman.cc | pttcodingman@GitHub | 1987.09.06

Experience

Technical Consultant, Changing Information Technology – Taiwan 2024.05 – Present

- Optimized internal development workflows by implementing CI/CD pipelines with GitLab CI, streamlining deployments and boosting team productivity by 37%.
- Fostered DevOps culture across teams through knowledge sharing initiatives, collaborative documentation, and CI/CD automation advocacy, resulting in improved development practices.
- Designed and deployed the company's first self-hosted k3s cluster for internal DevOps infrastructure, implementing wiki, GitLab, and microservice examples as practical demonstrations to accelerate team adoption.
- Developed internal APIs/LineBot using Python and FastAPI, deploying and managing them on Kubernetes (K8s/k3s) with Helm, to support various DevOps and automation initiatives.
- Authored technical articles on cryptography and information security, enhancing team knowledge and promoting best practices in software development.

Senior DevOps Engineer, Trend Micro – Taiwan 2022.12 – 2024.04

- Developed scalable data pipeline on Azure Kubernetes Service (AKS) using Java, Spring Boot, and Kafka, processing over 1 million daily tasks with 99.999% uptime.
- Strengthened security of containerized applications and codebases by integrating Black Duck, Fortify, and Harbor into GitHub Actions, reducing vulnerabilities.
- Engineered the team's first end-to-end test platform, reducing QA time by 43% through automated testing.
- Developed the game server for Trend Micro AI Contest 2023 with 2 members using Python, FastAPI and Kubernetes.

Team Lead, Taiwan AI Labs – Taiwan 2021.04 – 2022.12

- Led a 2-member Knowledge Collector team to design and implement high-performance crawler systems using Python and Selenium for efficient data collection.
- Engineered a news crawler development process with Tor, reducing development time from 3 days to 5 minutes.
- Mentored junior engineers on best practices in Python development and Selenium automation, while facilitating code review sessions to ensure quality and consistency.

Senior Software Engineer, Changing Information Technology – Taiwan 2014.08 – 2021.03

- Led a 4-member ServiSign team to develop and maintain secure software solutions using C/C++.
- Engineered automation tools to reduce development time from 3 weeks to 5 minutes, covering areas such as component analysis, code generation, and build process optimization.
- Conducted technical research and evaluation.

Technical Skills & Languages

Cloud & Infrastructure: Azure, Kubernetes, Docker, Harbor, Terraform, Ansible

DevOps Toolchain: GitHub Actions, GitLab CI, Prometheus, Alertmanager, Grafana, Black Duck, Fortify

Programming: Python, FastAPI, Java, Spring Boot, C/C++, PostgreSQL, MySQL

Languages: Mandarin/Chinese (Native), English (Advanced), Japanese (Currently Learning - Elementary)

Side Projects

PyPtt PyPtt.cc

- Developed open-source Python library for Taiwan's largest bulletin board system PTT with **700+** GitHub stars.
- Delivered technical presentations at conferences including COSCUP, PyCon TW20 and PyData.
- Achieved a monthly download record of **10k** times.

Education

National Changhua University of Education, Master of Science in Mathematics 2012.09 – 2014.06

- **Best Student Paper Award, CISC 2014:** Ephemeral-Secret-Leakage Secure ID-Based Authenticated Key Exchange Protocol for Mobile Client-Server Environments.