Sean, Kuan-Hsuan Liao

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I play with cloud-shaped lego bricks such as GCP, Kubernetes (K8s) and various CI/CD systems, building them into the foundations for developer productivity and reliable services. These days I'm fully into declarative Infrastructure as Code (IaC) with GitOps to close the loop. Right now I have a strong focus on observability (o11y) having been bitten by black boxes too many times. Sometimes I write code (Go) to automate my job away.

What I've been doing

Site Reliability Engineer / Deloitte UK / London, United Kingdom

2022-03 - Present, Assistant Manager
Multi Cloud between AWS (current) and GCP (new)

Site Reliability Engineer / de Bijenkorf / Amsterdam, Netherlands

2021-10 - 2022-02, Site Reliability Engineer
2020-10 - 2021-10, Junior Site Reliability Engineer
Spearheaded standardization & automation across multiple development teams.
- Introduced & implemented declarative GitOps workflow for both infra and applications
- Authored internal automation services in Go
- Refactored metrics / alerting systems for on-call experience

Day to day admin: Cloudflare, Google Cloud Platform, Terraform, Kubernetes, Docker, Helm, ArgoCD, Jenkins, Github, SonarQube, ELK (Elasticsearch, Logstash, Kibana), Prometheus, Alertmanager, Grafana, OpsGenie, Postgres, Jaeger, Kafka, Spark, Ansible

MSc Security and Network Engineering / University of Amsterdam

2019 - 2020, Amsterdam, Netherlands
L1-L4 Networking with hardware, Information security

BBA Information Management / National Taiwan University

2014 - 2018 Taipei, Taiwan
Data science with AI / ML, system design, business management

Other

Blog / seankhliao.com
My website / blog contains write ups of the various other technologies I've been experimenting with. Treat these more as lab notes than proper documentation. The website itself is also an evolving codebase integrating different tech at github.com/seankhliao/mono .
Open Source / Go
I primarily issue triage for the Go project, ensuring incoming issues are clear, reproducible, and actionable.