

Sean, Kuan-Hsuan Liao

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My job is... piecing together cloud-shaped lego bricks into your production grade infrastructure, unlocking developer productivity and ensuring they can and do deliver reliable services. From debugging (and resolving) obscure errors across a distributed system, to designing, implementing, and guiding adoption for a whole new deployment process, “no” is almost never the answer, it’s just a question of what tradeoffs are you willing to make. I want to actually do things for work, sitting around all day waiting for approvals is very far from my ideal job.

What I’ve been doing

- **Site Reliability Engineer** - Deloitte
2022-03 - present, London, UK
Spearheading a multi cloud initiative (AWS, GCP) for Deloitte’s SaaS product lines.
- **Site Reliability Engineer** - de Bijenkorf
2020-10 - 2022-03, Amsterdam, Netherlands
Lead modernisation and standardization efforts across development teams, implemented various automation processes to reduce toil and allow our small team to manage a growing scope of responsibilities. Introduced GitOps for our K8s deployments, authored internal automation services in Go, and refactored metrics / alerting systems for on-call experience.
Day to day use, management, and developer education for: Google Cloud Platform, Cloudflare, Github, Jira, Confluence, OpsGenie, Elasticsearch (ElasticCloud), Kafka (Confluent), Terraform, Ansible, Kubernetes, Docker, Helm, ArgoCD, Jenkins, SonarQube, Prometheus, Alertmanager, Grafana, Jaeger, Postgres,, Spark, Go, Shell/Bash, Python
- **MSc Security and Network Engineering** - University of Amsterdam
2019 - 2020, Amsterdam, Netherlands
Dual track program on both networking (L1-L4 hardware and protocols) and information security
- **BBA Information Management** - National Taiwan University
2014 - 2018, Taipei, Taiwan
Cross domain program covering both computer science, with an emphasis on data (ML, AI), as well as business management and the interplay between the two.

Other things

- **Open Source** - Go
I work with the Go (programming language, golang) project to triage incoming issues, ensuring they are clear, reproducible, and actionable.
- **seankhliao.com/blog**
I occasionally write about the various tech I experiment with, usually Linux, Go, or Cloud Native related. Treat this more as lab notes rather than a marketing blog.
- **Languages (spoken)**
English, Chinese (Mandarin, Traditional)
- **Citizenship**
Taiwan
- **Certification**
 - AWS Certified Solutions Architect Associate
 - AWS Certified Cloud Practitioner