

Sean, Kuan-Hsuan Liao

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Software engineer who has taken a liking to infrastructure / platform work. Prefers designing simple and reliable architectures, while enjoying diving into complex systems to solve problems at their root. Never lacking for ideas, or the skill to make them a reality.

Tech

Platforms: AWS, GCP, Kubernetes

Application Delivery: Docker, Helm, CircleCI, Github Actions, Jenkins, ArgoCD, Terraform, Ansible

Observability: OpenTelemetry, Prometheus, Datadog, Elasticsearch, PagerDuty, OpsGenie, FireHydrant

Programming: Go (Golang), Shell/Bash, Python

Timeline

Site Reliability Engineer

2022-06 – present

Snyk

London, UK

- Replatformed logging and metrics stack from Logzio and Grafana Cloud to Datadog with OpenTelemetry.
- Introduced standardized SLO and incident response tooling and processes across the company.
- Collaborated with sister teams to reduce manual actions made during on-call rotations.
- Upstreamed features we needed from open source projects (OpenTelemetry, dex).

Site Reliability Engineer

2022-03 – 2022-06

Deloitte

London, UK

- Spearheaded a multi cloud initiative (AWS, GCP) for Deloitte's SaaS product lines.

Site Reliability Engineer

2020-10 – 2022-03

De Bijenkorf

Amsterdam, Netherlands

- Adopted GitOps and standardized build and deployment pipelines across engineering teams.
- Brought the majority of our cloud presence under IaC / terraform.
- Authored various internal services to allow our team to handle an expanded scope through automation.

MSc, Security and Network Engineering

2019 – 2020

University of Amsterdam

Amsterdam, Netherlands

BBA, Information Management

2014 – 2018

National Taiwan University

Taipei, Taiwan

Extracurriculars

Go (programming language)

2019 – present

- I work with the Go (programming language, golang) project to triage incoming issues, ensuring they are clear, reproducible, and actionable.

seankhliao.com/blog

- Notes on tech, in public so it may help someone (including the author in the future)