

# ALEX ● KASKASOLI

<https://alex.kaskaso.li/>

## README

I'm applying for the DevOps Engineer (Space Operations) position at Capella Space.

For the past year I've been leading the DevOps & Security team at TrueLayer. In this role I've shepherded our transition to a multi-account AWS architecture with infrastructure-as-code and infrastructure CI/CD, evangelized GitOps practices across the engineering pool, set up the monitoring stack and hardened the company's overall security posture.

In my previous role at MWR InfoSecurity, I conducted security assessments against a range of technologies. I was initially part of the Operational Technology team which focused on industrial control system security, and moved to offensive attack simulations ("Red Team"). It's in that latter role that I became fond of DevOps and cloud infrastructure.

During downtime I enjoy traveling and reading extensively: History, hard SciFi and, increasingly, boring books about tech best practices.

## BLOG

My blog <https://alex.kaskaso.li/> contains write-ups for some personal work including a critical vulnerability in Kubernetes' Minikube, some thoughts on CI/CD pipelines, a framework for conducting DNS rebinding attacks as well as an interesting attack on AWS cloud environments using headless browsers.

## SKILLS

<b>Cloud</b>  Worked with <b>AWS</b> and <b>Azure</b> . Migrated an organization to <b>multi-account</b> AWS architecture with no interruption of service.	<b>Coding</b>  Affinity with <b>Python</b> . Dabbled around <b>C</b> and <b>Assembly</b> when working on basic memory corruption vulnerabilities.	<b>CI/CD</b>  <b>GitOps</b> evangelist. Spoke about <b>CI/CD</b> pipelines and security at a couple of local conferences and meetups.
<b>Kubernetes</b>  Worked extensively with <b>Kubernetes</b> in production. Binge-watches <b>Kubecon</b> talks.	<b>DevOps</b>  Automating infrastructure and operations with <b>Terraform</b> and <b>Ansible</b> . Terraform continuous deployment with <b>Atlantis</b> .	<b>Security</b>  Four years of experience <b>security testing</b> a wide range of application stacks and infrastructure.

## EXPERIENCE

### TrueLayer

*Head of DevOps and Security at TrueLayer, working closely with engineering teams and upper management to scale infrastructure, enhance DevOps practices, mitigate security risks and meet regulatory compliance objectives.*

2019 - 2020

London, UK

### MWR InfoSecurity

*Security Consultant at MWR InfoSecurity, working on infrastructure, application and simulated attacks. Brought up a new managed service that is still being delivered to clients.*

2015 - 2019

London, UK

## CERTIFICATES

OSCP, OSCE, CRT, CCT

## EDUCATION

### BSc Ethical Hacking and Countermeasures

*University of Abertay, Dundee, UK*

