

About

Passionate about technology and driven by a deep curiosity to learn, I thrive on solving complex problems and building innovative solutions. With a background in computer science and hands-on experience in DevOps, cloud infrastructure, and automation, I am always eager to expand my knowledge and tackle new challenges. Whether optimising AWS resources, building pipelines, or exploring emerging technologies, I am committed to continuous growth and making a meaningful impact.

Work Experience

Devops Engineer III Enablement Team	Vidsy London	Jan 2023–Present
<ul style="list-style-type: none">• Terraforming existing AWS infrastructure and building new resources via the AWS console<ul style="list-style-type: none">○ Updated existing Terraform from a state of drift and brought it in line with the real world state of our AWS environments○ Added new infrastructure to accommodate team's needs• Converted old, proprietary deployment system to GitHub Actions<ul style="list-style-type: none">○ Vidsy used to run on a proprietary system that was poorly documented and maintained by one backend developer who left the company. I migrated everything over to Github Actions and standardized our workflows for easy maintainability.○ I automated deployments and testing across all development teams• Managed pentest and implemented mitigation<ul style="list-style-type: none">○ Worked with an external pentest company to test our platform, coordinated with our development teams to address CVEs and made changes within our infrastructure• Built IaC Datadog synthetic tests<ul style="list-style-type: none">○ The Vidsy front end test suite was missing bugs that were deployed to live, I built out a test suite in Terraform to make up for the lack of coverage where tests could be added from a single configuration file• Security & Compliance: IAM policies, access control etc.<ul style="list-style-type: none">○ Managed IAM via the AWS console before transitioning to Terraform-based IAM management		

Devops Engineer Cloud operations / Developer enablement	Seccl Bath	2020–2022
<ul style="list-style-type: none">• Migrating applications from lambda to ECS due to oversized functions<ul style="list-style-type: none">○ Lambda functions grew beyond 50MB so were moved to ECS• Replaced outdated Jenkins CI/CD with full rebuild in github Actions<ul style="list-style-type: none">○ CI/CD was running on an old version of locally hosted Jenkins, Deployments were moved to Github Actions• Replaced bespoke, undocumented, monolithic DevOps solution with modular tooling<ul style="list-style-type: none">○ Modularised build and test scripts and incorporated them into Github Actions• Acting scrum master<ul style="list-style-type: none">○ Acted as Scrum Master during a period of managerial transition		

Junior Devops Engineer

Devops team

Novatiq

Cwmbran

2019–2020

- Migrating locally hosted CI/CD and Git solution to Gitlab cloud
 - Improved developer experience by not having to rely on ageing on-premises hardware
- Migrated on premises to cloud hosting (AWS)
 - Brought Novatiq platform to a point of stability by migrating to AWS

Security Engineer

Blue team

Airbus

Newport

2018–2019

- Monitoring high risk/high impact clients for cyber threats
 - Working as a team of 4 in the SOC to secure high-risk clients
- Training new members of staff and aiding development
 - Trained and onboarded new SOC staff

Other work

Barista at Lodge Coffee and Deli (2011), Waiter at Celtic Manor Resort (2012), Green-Keeper at Celtic Manor Resort (2014), Systems Engineer at Sequence, (2015) Security Consultant at Wolf Berry (2016)

Education and Certifications

- **B.Sc. Ethical Hacking and Network Security 2:1** , Coventry University **2014–2018**
- **Computing BTEC MMM** , Coleg Gwent **2012–2014**

Technologies and Languages

- Languages: Python, Terraform, Yaml (IaC), Bash, SQL
- Technologies: AWS, (Git,Github,Github Actions) , Linux, Docker, Ansible, Packer, Jenkins
- Other: Godot Game Engine, Documentation, Datadog,

Interests

- Keen rock climber, runner and Surfer
- Game development, SSBM

References

- On request

Availability

- 17/02/25