

# URVESH BOGUN

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## Education

Royal Holloway, University of London

Sept 2022 – June 2026

MSci Computer Science with Information Security (Expected: First Class)

## Experience

Volunteer Cloud Security Engineer

June 2025 – Present

Space Startup (NDA) | Remote

- Proposed and currently leading migration to **IAM Identity Center, Organizations and passing IAM roles** from using only IAM Users, **reducing risk of credential leakage and enforcing stronger authentication**
- **Designed an open-source SIEM and firewall architecture** using Wazuh and Cloudflare alongside low cost/free AWS features and services, **reducing projected monthly AWS security costs by at least 80%**
- Authored the cloud security policy, establishing **10+ AWS related safeguards** across **15+ AWS services** to follow, **promoting security best practices in a cloud environment** across the organisation

Volunteer Cybersecurity Analyst

March 2025 – June 2025

Space Startup (NDA) | Remote

- Enforced multi-factor authentication (MFA) across **100+ Google Workspace accounts**, achieving **100% adoption** of active staff and **reducing account compromises**
- **Resolved 30+ internal user issues** related to account access, password resets, and MFA as part of the security helpdesk team
- **Eliminated risks from social engineering attacks** by implementing Gmail admin controls, tightening email policies, and educating staff
- **Created a secure coding guide** based on the **OWASP Top 10**, mitigating against common web application vulnerabilities

## Projects

Secure Website Portfolio Hosted on AWS

July 2025 – August 2025

- Deployed and hosted a website using S3, Route 53, and CloudFront
- **Configured a WAF** using AWS WAF, **preventing common web application attacks**, such as XSS, SQLi, and DDoS
- **Attached SSL/TLS certificates** using Certificate Manager, **securing user traffic over HTTPS**
- Managed API Gateway, Lambda, S3, and DynamoDB using **Terraform**

Creating a Home Network

July 2024

- **Designed and implemented** a network with a PC, laptop, wireless router, cable modem, and server
- Configured **DHCP** and **DNS**, resulting in seamless **network communication and automatic IP addressing**
- Set up a server as **DHCP** and **DNS** server, **allowing management of IP allocation and domain resolution**
- **Verified network integrity and device communication** through command-line connectivity tests

## Certifications

- Certified in Cybersecurity (CC) - ISC<sup>2</sup>
- Solutions Architecture Job Simulation - AWS

## Skills

**AWS Security:** IAM, WAF, CloudWatch, GuardDuty, KMS, ACM

**Automation & CI/CD:** IaC (Terraform), GitHub Actions, PyScript

**Networking:** DHCP, DNS, IP, CLI troubleshooting

**Languages:** Python, JSON, SQL, JavaScript