

Urvesh Bogun

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Summary

Driven Computer Science student specialising in cybersecurity. Successfully mitigated multiple social engineering attacks and suggested AWS security enhancements based on identified vulnerabilities. Currently leading the development of a security-focused FinTech webapp and contributing to AWS hardening as well as Identity and Access Management at a SpaceTech startup.

Education

Royal Holloway, University of London

Sept 2022 – June 2026

MSci Computer Science with Information Security

- **Expected classification:** Upper Second Class (2:1)
- **Relevant Modules:** Computer and Network Security, Malicious Software, Critical Infrastructure Security

Experience

Volunteer Cybersecurity Analyst

March 2025 – Present

Space Startup (NDA)

- Enforcing MFA across organisational units and creating custom alert rules to detect malicious behaviour.
- Successfully prevented 5+ social engineering attacks by blocking threat actors as Gmail admin and educating staff.
- Proposed using Amazon Macie in AWS after DLP was identified as a risk.
- Created security documentation aligned with OWASP standards, promoting a safety-first mindset and reducing common vulnerabilities.

Projects

Spenny - Buy Now Pay Later Behavioral Tracker

- Leading a team of nine, across design, frontend, and backend teams to develop a FinTech webapp MVP.
- Developing full-stack features, focusing on a responsive UI and secure backend.
- Designing AWS architecture for secure cloud hosting and managing IAM roles.
- Implementing least-privilege access controls and secure authentication based on the Zero-Trust Architecture.

Deploying a Security Incidents and Events Manager (SIEM)

- Deployed a VM and configured Azure Log Analytics Workspace to centralised logging.
- Implemented Microsoft Sentinel for monitoring and detecting threats.
- Set up custom alert rules in Sentinel to notify me on VM logins.

Creating a Home Network

- Designed and implemented a network with a PC, laptop, wireless router, cable modem, and server.
- Configured DHCP and DNS with a server for seamless network communication and automatic IP addressing.
- Established a secure wireless network (SSID) for laptop connectivity.
- Verified network integrity and device communication through command-line connectivity tests.

Skills & Certifications

Networking: DHCP, DNS, SSID, IP, Troubleshooting

Concepts: Threat Modeling, Incident Response, Risk Assessment, Identity and Access Management

Languages: Python, Java, SQL, JavaScript

Certifications: Certified in Cybersecurity (CC), CompTIA Security+ (currently perusing)