

# Armaan Ilyas

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## PROFESSIONAL PROFILE

3rd year MEng Cybersecurity student with over 3 years of practical engagement in OSINT investigations and Bug Bounty Hunting. Proven ability of Bash Scripting & Linux proficiency. Ability to conduct network security audits using Tenable Nessus. Passionate about network hardening, Penetration Testing & Incident response/Investigation, looking to apply hands-on experience in a dedicated analyst or engineering role.

## TECHNICAL SKILLS

<b>Security &amp; Forensics</b>	Tenable Nessus, Burp Suite, Wireshark, FTK Imager, Autopsy, OSINT Frameworks, Kali Linux, UNIX & WindowsNT based Operating Systems
<b>Networking</b>	TCP/IP, RAID Configuration, Private Network/Server Management,
<b>Programming</b>	Python (Automation/Data Gathering), Java (WebSocket Servers), Bash/Shell.
<b>Web Security &amp; Bug Bounty</b>	API Testing, SQL Injection (SQLi), XSS, CSRF, Web-app PenTesting

## KEY PROJECTS

**Project Guardian Trail** *Java, WebSocketsSecure, Network Security*  
*University Project* *2026*

- Developed an Android Application in Kotlin, which allows caregivers to track dependents, letting them set geofenced "safe zones".
- Engineered the system to operate independently of cloud infrastructure, optimized for security, using WebSocketsSecure

**Home Lab & CTF Challenges** *Self-Directed Learning*

- Active user of **Hack The Box** & participant of various other CTF challenges to sharpen penetration testing skills.
- Maintains a Personal Portfolio Website ([armaanilyas.com](http://armaanilyas.com)) to document ongoing technical projects and research.
- Maintains VMWare with different Operating systems (including Android), for bug bounty hunting.

## RELEVANT EXPERIENCE

**TraceLabs** *Remote*  
*Volunteer OSINT Specialist* *Apr 2020 – Present*

- Contributed intelligence leading to the recovery of more than 400 missing persons worldwide by conducting deep-dive OSINT investigations.
- Collaborated with a global team of analysts to identify and produce actionable reports.

**Cosurica Ltd** *Keighley, UK*  
*Cybersecurity Intern* *July 2021*

- Conducted vulnerability assessments on live business networks using Tenable Nessus, identifying and documenting critical weaknesses.
- Assisted IT personnel with RAID configurations and ERP system deployment, gaining practical exposure to enterprise threat identification.

**Freelance Bug Bounty Hunter** *Keighley, UK*  
*Oct 2021 – Present*

- Test Web Apps for vulnerabilities (using OWASP Top 10) for businesses on HackerOne, YesWeHack, BugCrowd.
- Create reports for vulnerabilities found, as per Vulnerability Disclosure rules

## EDUCATION

**Leeds Beckett University** *Leeds, UK*  
*MEng Cybersecurity and Digital Forensics* *Sep 2023 – Present*

- Key Electives: Advanced Software Engineering, Incident Response & Investigation, Web App Technologies

**South Craven Sixth Form** *Keighley, UK*  
*BTEC L3 National Extended Cert. in IT, Applied Science, A Level Business Studies* *2021–2023*

## CERTIFICATIONS & HOBBIES

- **Driving:** Full UK Manual Driving License.
- **Languages:** English, Urdu, Punjabi, Spanish.
- **Exotic Fruit Growing:** Growing Exotic fruits like Figs, outside in West Yorkshire
- **BSides Volunteering** Volunteering in BSides Events across the country, mainly on AV tracks