

ARYA ANIL

Cybersecurity engineer

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SUMMARY

Detailed-oriented entry-level cybersecurity engineer with expertise in network security, vulnerability assessment and digital forensics. Quick learner with a strong passion for security systems and mitigating cyber threats. Eager to contribute to protecting organizational assets and data.

EDUCATION

BTech in Computer Science & Engineering(Cyber Security)
APJ Abdul Kalam Technological University

November 2021 - June 2025
Trivandrum, India

Higher Secondary – Biology Science
GHSS Chavara

June 2019 – March 2021
Kollam, India

SKILLS

Technical skills: VAPT | Network Security | Burp Suite | Nmap | Linux | Window | Nessus | Cryptography | Cyber Forensics | Metasploit | Python | HTTrack | Wireshark | TD2U | Ambed Five | Cellebrite UFED | Magnet Axiom | HTML

Soft Skills: Leadership | Fast Learner | Adaptability | Critical Thinking | Problem-solving | Communication | Collaboration

Development Tools: Visual Studio Code

Languages: English | Malayalam

WORK EXPERIENCE

CYBER SECURITY INTERN
E&ICT Academy, IIT Kanpur

May 2023 – June 2023
Kanpur, India

- Conducted penetration testing and vulnerability assessments using advanced ethical hacking tools.
- Collaborated with teams to identify security weaknesses and implement effective mitigation strategies.
- Done a project entitled pen testing on windows operating system

CYBER FORENSICS INTERN
Alibi Global

July 2024 - July 2024
Thiruvananthapuram, India

- Gained hands-on experience in digital forensics by working on real world cases involving data recovery, evidence extraction and analysis of cybercrime artifacts.
- Developed practical expertise in using industry-standard digital forensics tools including Cellebrite UFED, Magnet Axiom, TD2U for data extraction, analysis and evidence handling in simulated investigative environments.
- Conducted a penetration test and successfully exploited the EternalBlue vulnerability to gain unauthorized access to a target system, demonstrating real-world risk of unpatched SMB services.

PROJECTS

WebGuard Insight - A Frame work for Web Application Reconnaissance

February 2024 - May 2024

- A light weight command-line framework for web application security assessments.
- offering both active and passive modes for comprehensive web application reconnaissance, enumeration and footprinting.
- Technologies Used: Tor, Bash and Python, domain tools.

WebGuard Insight Pro-XE

December 2024 - April 2025

- A Frame Work for Web Application Reconnaissance, Vulnerability Scanning and Exploitation
- automated vulnerability scanning, implemented advanced features including real-time security flaw detection, exploit simulation modules
- Developed primarily using python.

CERTIFICATIONS

- Certified Secure Computer User(CSCU), EC-Council
- Google Cybersecurity Professional Certificate, Coursera
- IBM Cybersecurity Analyst Certificate, Coursera
- CEH, EC-Council

March 2024
August 2024
May 2025
Ongoing

ACHIEVEMENT

- Secured First prize in Capture The Flag(CTF) competition conducted by Ernst & Young(EY)

INTEREST

CTF | Cybersecurity Research | Cybersecurity Awareness | Volunteering