

Arya M

✉ aryamsoffl@gmail.com ☎ 6238440890 📍 Palakkad, Kerala

SUMMARY

Cyber Forensics postgraduate with hands-on experience in cybersecurity projects including honeypot deployment, threat detection systems, and centralized log monitoring using ELK Stack. Strong foundation in penetration testing, network security, and digital forensics. Skilled in Python and security tools with the ability to analyze threats and support incident response. Seeking an entry-level cybersecurity role to apply technical and analytical skills.

EDUCATION

Msc Cyber Forensics MG UNIVERSITY	2024 – 2026
Bachelor of Science in Computer Science Govt. Victoria College Palakkad	2021 – 2023
Plus Two Computer Science Govt. Victoria Girls Higher Secondary School Chittur	2018 – 2020
SSLC Govt. Victoria Girls Higher Secondary School	2015 – 2018

SKILLS

- Programming Languages: Python, C++, Java, PHP
- Web Technologies: HTML, CSS
- Cybersecurity Tools: Wireshark, Nmap, Burp Suite etc
- Operating Systems: Linux (Kali Linux), Windows
- Security Domains: Penetration Testing, Network Security, Digital Forensics, Threat Detection, Malware Analysis (Basic), Incident Response (Basic)

PROJECTS

Honeypot-Based Attack Detection System

- Designed and deployed a honeypot to capture real-world cyber attack attempts
- Monitored attacker activity including IP tracking, intrusion patterns, and behavior analysis
- Integrated logs with ELK Stack for real-time monitoring and visualization
- Analyzed attack data to understand common threat vectors and techniques

AI-Based Cyber Threat Detection and Prevention System

- Developed a system to detect cyber threats such as DDoS, phishing, and malware attacks
- Implemented prediction outputs including threat type, risk level, and confidence score
- Simulated attack scenarios to test system performance and detection accuracy
- Used Python and machine learning techniques for classification

ELK Stack Log Monitoring System

- Implemented centralized logging using Elasticsearch, Logstash, and Kibana
- Collected and visualized logs for real-time system and security monitoring
- Used Filebeat and Metricbeat for efficient log and metric collection

Pet Care Mobile Application

- Developed a mobile application using Flutter with user-friendly interface
- Implemented real-time features and responsive design

CERTIFICATES

- Digital Marketing Certification - IIDM
- Introduction to Cybersecurity Careers - IBM (Coursera)
- Introduction to Security Principles in Cloud Computing – Google Cloud

CAREER OBJECTIVE

To begin a career in cybersecurity where I can apply my knowledge in threat detection, honeypot systems, and cloud security while continuously developing advanced skills in cyber defense.

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Arya M