ADARSH A

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EDUCATION

B.Sc. Cyber Forensic, Data Analytics & Cybersecurity   Graduation Date: Apr 2025

EXPERIENCE

Internship – Kerala Police Cyber Operations

- Conducted **real-world cybersecurity investigations** alongside law enforcement professionals.
- Assisted in **digital forensics** and malware analysis for active cybercrime cases.
- Gained hands-on experience in **SIEM systems (Wazuh), threat intelligence, and log analysis**.
- Worked on **penetration testing assignments** to assess security vulnerabilities in government-related infrastructures.

Internship – Cyber Police Station

- Gained practical exposure to **cybercrime investigation procedures**.
- Assisted in **digital forensics analysis** under professional supervision.
- Learned about **real-world cybersecurity incident handling**.

PROJECT EXPERIENCE

SIEM Security Platform

- Developed and implemented a security monitoring solution using Wazuh and ELK Stack
- Containerized the application using Docker for easy deployment
- Created an intuitive dashboard for real-time threat monitoring and log analysis Website

Security Extension (Chrome)

- Integrated Google Safe Browsing API to develop a real-time website safety analyzer
- Enhanced web browsing security through proactive threat detection
- Practiced secure coding principles and API integration

AI-Driven Leak Analyzer

- Built a credential leak detection system using Python and Hugging Face Transformers
- Implemented pattern recognition for sensitive data identification (API keys, credit cards)
- Demonstrated practical application of AI in cybersecurity

CERTIFICATIONS

Certified Penetration Tester – Red Team

Earned the Certified Penetration Tester (CPT) certification, showcasing proficiency in advanced web application and network penetration testing, vulnerability management, wireless security, Docker security, thick-client pen testing, and cloud security. Skilled in adhering to penetration testing standards and generating comprehensive VAPT reports.

Cyber Security Analyst – IBM (Coursera)

Completed the IBM Cybersecurity Analyst Professional Certificate, gaining hands-on expertise in tools like SIEM, endpoint protection, incident response, and penetration testing. Demonstrated knowledge in cybersecurity compliance, threat intelligence, and breach response through practical labs and real-world case studies

SKILLS

- **Technical Skills**: Python, Bash, C, WAZUH, Pen testing, vulnerability assessment
- **Soft Skills**: Communication, Critical Thinking, Attention to Detail, Leadership, Team Player