Arya Koner

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Education

MSC in Cyber Forensic & Cyber Security | Amity University Noida | Noida, UP | **8.41**   **PURSUING**

BSC in Cyber Security |S K F G I | Kolkata, West Bengal | **8.96 CGPA**   **2023**

12TH (Science) | WBSE | Kuchut P. C. Institution| Purba Bardhaman, West Bengal| **56 AGGREGATE**   **2020**

Work Experience

Cyber Security Instructor – MRGS Info way   **Feb 2025 – Apr 2025**

Remote- Kolkata, West Bengal

- Cyber Vahini Project – Training female students in cybersecurity fundamentals, VAPT, and digital security.

VAPT Tester – Hacktify Cyber Security   **Feb 2025 – Mar 2025**

Remote - Mumbi, India

- Performed advanced penetration testing on enterprise networks, leveraging Burp Suite, Nmap, and Metasploit to identify critical vulnerabilities, exploit security gaps, and provide comprehensive risk mitigation strategies for enhanced cyber resilience.

Junior Cyber Crime Investigator – EDCI   **Aug 2023 – Aug 2024**

Onsite - Kolkata, West Bengal

- Specialized in digital forensics, threat intelligence, and incident response, utilizing Autopsy, FTK, EnCase, and Wireshark for deep forensic analysis, cyber threat tracing, and legal-compliant cybercrime investigations.

VAPT Intern – Indian Cyber Security Solutions, West Bengal, India   **Jul 2021 – May 2022**

On-site - Kolkata, West Bengal

- Conducting network vulnerability assessments and penetration testing using tools like Nmap, Nessus, Burp Suite, and Metasploit to identify, exploit, and mitigate security risks, ensuring robust cyber defence.

Projects

HONEYPOT | Advanced intrusion detection & threat analysis   *GitHub Link*

- Designed to detect, log, and analyse unauthorized access using multi-protocol honeypots (SSH, FTP, DNS), real-time monitoring, automated IP blacklisting, and an interactive CLI.

BLACKICE AI MCP Agents v1   In Progress

- Advanced AI-Powered Penetration Testing Framework with Autonomous Agents, Intelligent Decision Engine, and 150+ Security Tools

BADNET v1.   *GitHub Link*

- Built an AI-powered cyber attack detection and prediction system with real-time monitoring, leveraging ML algorithms (DoS, Probe, R2L, U2R), automated training pipelines, evaluation frameworks, and intuitive CLI-based workflows.

Technical Skills

Core Skills: VAPT, Red Teaming, Malware Analysis, Reverse Engineering, Digital Forensics, Incident Response. **Tools & Tech:** IDA Pro, Ghidra, Metasploit, Burp Suite, Splunk, Wireshark, Volatility, Python, C/C++, Bash, Linux, Active Directory, Nim

Certifications

CEH V13 AI (pursuing), CEH MASTER (pursuing), COMPTIYA SECURITY PLUS (pursuing), Cisco Cyber Threat Management, Google Cybersecurity,