

ASHRAF ALI I

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EDUCATION

B.E. Computer Science & Engineering (Cyber Security)

KSR Institute for Engineering and Technology | CGPA: 8.17 | 2022–Present | Tiruchengode

12th – JAY Matriculation Hr. Sec. School

Percentage: 76% | 2020–2022 | Salem

10th – JAY Matriculation School

Percentage: 84% | 2019–2020 | Salem

PROFESSIONAL EXPERIENCE

Cyber Security Intern

CubeAI Solutions, Bangalore | Oct 2024 – Present

- Gained expertise in cryptography, penetration testing, and cybersecurity fundamentals.
- Utilized Nmap, Wireshark, Burp Suite, and Kali Linux for security auditing.

Cybersecurity Intern

Prodigy InfoTech | Remote | Jan 2025 – Feb 2025

- Developed cybersecurity tools focusing on cryptography and network monitoring.
- Created a custom network sniffer and keylogger tool for security analysis.
- Strengthened system defenses through penetration testing and vulnerability analysis.

PROJECTS

RE-DACT: Advanced Redaction Tool

- Developed an NLP & ML-based tool to redact sensitive information while preserving context.
- Implemented gradational redaction levels and realistic synthetic data generation for privacy compliance.
- Used Python, TensorFlow/PyTorch, NLTK, OpenCV, and Flask/Django for development.

Phishing Detection Tool (Ongoing)

- Building a phishing detection tool using ML and NLP to analyse emails and URLs.
- Integrating real-time URL scanning and domain reputation checks.

CERTIFICATIONS

- **Cybersecurity Analyst** – FORAGE
- **Certified Associate in Cybersecurity** – FORTINET
- **Certified Data Analyst** – IBM
- **Introduction to Cybersecurity** – CISCO
- **Cybersecurity Foundation** – PALO ALTO

SKILLS

PROGRAMMING:

- Python • C/C++ • Java • HTML

TECHNOLOGY:

Security Tools: OpenVAS • Burp Suite • Metasploit • Nmap

Penetration Testing: Ethical Hacking • Social Engineering

Operating Systems: Kali Linux • Windows.

ACHIEVEMENTS

- **1st Prize** – Project Expo, R.P Sarathy Institute of Technology, Salem.
- **2nd Prize** – Paper Presentation, R.P Sarathy Institute of Technology, Salem.
- **2nd Prize** – Code Hunt, Paavai Engineering College, Namakkal.
- **Best Student Award** – Received from *The Institution of Engineers (India)* for academic excellence and contributions to cybersecurity at KSRIET.
- **IEEE Conference Presentation** – Presented a research paper on "*Self-Cleaning Drainage System*" at the IEEE Conference, KIOT.

WORKSHOPS

- **National Workshop on Ethical Hacking** – Advanced training on cybersecurity tools and hacking techniques, led by NICC, New Delhi.

Area of Interest

- Web development
- Block chain technology.