Neha M A

Cyber Security Engineer

+917736994812 | nehanaithik12@gmail.com | Thrissur, Kerala, India | Open to Remote | Open to Relocate |
Open to Travel | Open to On-Site | www.linkedin.com/in/nehaanish

SUMMARY

Enthusiastic and detail-oriented Cyber Security Engineer with robust training in contemporary cybersecurity threats and defense mechanisms. Equipped with hands-on project experience and a strong foundation in cyber forensics. Passionate about leveraging cutting-edge technologies to protect organizational assets and eager to stay updated with the latest trends in cybersecurity. Highly organized, proactive, and dedicated to contributing effectively to team success.

PROJECTS

Email Spam Detection   **Jan 2022 - Apr 2023**
- Engineered and implemented Python scripts to classify and filter spam emails, increasing email security and minimizing phishing threats.

Fingerprinting Voice Applications On Smart Speakers Over Encrypted Traffic   **Oct 2020 - Mar 2023**
- Conducted extensive research on privacy leakage in smart speaker applications.
- Developed and tested proof-of-concept attacks using neural networks to highlight potential vulnerabilities.

Bullynet : Unmasking Cyber Bullies On Social Network   **Dec 2020 - Feb 2023**
- Extracted and analyzed emotional content from texts and emojis on social media platforms to detect cyberbullying.
- Developed the project using the Python Django framework, enhancing the precision of cyberbullying detection.

VOLUNTEERING

Student Trainee, Offenso Hackers Academy, Ernakulam
Participated in hands-on training sessions on ethical hacking and cybersecurity practices.

SKILLS

Technical Skills	:	Linux kernel, Malware Removal, Ethical Hacking, Penetration Testing, Wireshark, Cryptography, Vulnerability Assessment, Network Security
Data Analysis	:	Data Analysis and Visualization
Incident Management	:	Incident Response and Management
Programming Skills	:	Python, C++, Java
Research Skills	:	Google Hacking, Cyber Threat Analysis

CERTIFICATIONS

Certified Ethical Hacker(CEH), EC-Council   **Oct 2024**

Offenso Certified Security Professional(OCSP), Offenso Hackers Academy   **Mar 2024**

Ethical Hacker, CISCO   **Sep 2024**

Security Practices With Google Security Operations, Google Cloud Security   **Aug 2024**

Digital Forensics Essentials(DFE), EC-Council   **Feb 2024**

Ethical Hacking Essentials(EHE), EC-Council   **Feb 2024**

EDUCATION

School Of Technology and Applied Science, Kottyam, India - *Bachelor Of Science, Cyber Forensics* **Oct 2020 - May 2023**
Specialized in analyzing and investigating digital evidence in cybercrime cases. Gained comprehensive knowledge of operating systems, networking protocols, and programming languages. Developed skills to recover deleted data, reconstruct cyber events, and identify potential security vulnerabilities.