Abhra Ava Basu

+91-8902278019 | abhhra@proton.me | linkedin.com/in/abhhra-basu | github.com/Llogicry

Education

Degree	Institute/Board	CGPA	Year
Bachelor of Technology	Haldia Institute Of Technology, Haldia	8.56 (Till 6th Sem)	2024
Senior Secondary	WBCHSE	8.20	2020
Secondary	WBBSE	8.50	2017

EXPERIENCE

Digital Forensic Intern   December 2023 – Present
Cyber Secured India   *Kolkata, West Bengal*

- Learned how to use various digital forensic tools for acquiring, analyzing, and preserving digital evidence. Common tools used EnCase, FTK (Forensic Toolkit), Autopsy, and others.
- Gained an understanding of different file systems (e.g., NTFS, FAT, ext4) and how they store data.
- Developed the ability to create clear and concise reports detailing the findings of a digital forensic investigation. Communication skills are crucial in conveying technical information to non-technical audiences.

Cyber Security Trainee   May 2023 – May 2023
Data Space Security   *Kolkata, West Bengal*

- Understand fundamental concepts of network security, including firewalls, intrusion detection/prevention systems, and VPNs and learned about network protocols, vulnerabilities, and secure configurations.
- Study common cyber threats such as malware, phishing, ransomware, and social engineering. Gained an understanding of attack techniques and how to defend against them.
- Learned about all the basics of penetration testing, OWASP top 10, Nessus and Netspark tool which is used for reconnaissance.

Python Developer Intern   July 2023 – August 2023
Code Clause   *Kolkata, West Bengal*

- Strengthened foundational programming skills using Python. This includes understanding variables, data types, control structures (if statements, loops), functions, and basic algorithms.
- Learned the basics of version control using Git. Understand how to track changes in code, collaborate with other developers, and manage different versions of a project.
- Explored popular Python libraries and frameworks beyond web development, such as NumPy and Pandas for data manipulation.
- Worked on random password generators, simple calculators and typing speed test projects.

PROJECTS

Packet Analyzer | *Wireshark, Nmap, Python, Machine Learning*   October 2023 – Present
- Used Wireshark to capture packets.
- Used Python to run scripts to capture files.
- Tried to use Machine Learning to make the packet capturing and analysis in automation.

Password Generator | *Python, Git*   July 2023
- Used Python code in this project.
- It gives a fixed output of the desired length.

Speed Test | *Python, Git*   June 2023
- Used Python code in this project.
- Upon giving some words on behalf of that it will show the typing speed.

TECHNICAL SKILLS

Languages: Python, Bash, SQL
Skills: Nmap, OSINT, OWASP top 10, Wireshark, Digital Forensics, Ethical Hacking, CTF, Burpsuite
Tools: VM Ware, VS Code, Visual Studio, PyCharm, Linux, TryHackme(in top 12%), Github, Filmora, FL Studio
Extracurricular: Game Testing, Video Editing, Trading, Competitive Gaming