

Prakhi Asati

LinkedIn: <https://in.linkedin.com/in/prakhi-asati>
GitHub: <https://github.com/prakhiasati21>

Email: prakhio6032005@gmail.com
Mobile: +91-9302018251

SKILLS

Languages:	Java, C, CPP, Python.
Frameworks:	HTML, CSS, ReactJS, ExpressJS.
Tools/Platforms:	MySQL, Nmap, Wireshark, low orbit canon, angry IP, fuzzy.
Soft Skills:	Problem-Solving, Adaptability, Leadership.

PROJECTS

Password Strength Checker | JavaScript, HTML, CSS | [GitHub](#) Apr – May 2024

- Developed a Python-based password strength evaluator leveraging pattern matching and common password datasets.
- Implemented rules to detect weak passwords, according to length, character diversity, and dictionary attacks.
- Improved user awareness of password security by delivering a simple, easy-to-use command-line tool.

Simple Port Scanner | Python, Ruby, R, PHP | [GitHub](#) Nov - Dec 2024

- Designed a Python socket-based port scanner to identify open and closed ports on target IPs.
- Learned network fundamentals such as TCP/UDP communication and multi-threaded scanning.
- Gained better understanding of various reconnaissance techniques in ethical hacking and network auditing.

Keylogger | JavaScript, Python | [GitHub](#) Jan - Feb 2025

- Constructed a simple Python keylogger to explore system input-capturing and data-logging mechanisms.
- Integrated secure local storage and encryption to protect logged data from unauthorized access.
- Expanded experience with how malware records keystrokes, further building knowledge in system defense methods.

CERTIFICATES

Introduction to Machine Learning NPTEL Certificate	Nov – 2024
Data Structures and Algorithms Self-paced (C/C++) by GFG Certificate	July - 2024
Computer Network and Network Security Coursera Certificate	Nov – 2024
Computer Organization and Design Coursera Certificate	Oct - 2024

ACHIEVEMENTS

Executed TryHackMe's Intro to Cyber and SOC Level 1 labs.

Accomplished HackTheBox "Starting Point" track

Completed basic ethical hacking challenges on PicoCTF and CyberTalents.

Earned beginner-level certifications through Cyber Hygiene Challenges.

Solved 191 problems on GFG

EDUCATION

Lovely Professional University Bachelor of Technology - Computer Science and Engineering CGPA: 8.2	Phagwara, Punjab August 2023 - Present
Kendriya Vidyalaya G.C.F No. 1 JBP Intermediate Percentage: 92	Jabalpur, M.P April 2021 - March 2022
Kendriya Vidyalaya G.C.F No. 1 JBP Matriculation Percentage: 87	Jabalpur, M.P April 2019 - March 2020