

YASH SARKAR

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SUMMARY

Cybersecurity enthusiast with practical experience in penetration testing, network defense, and vulnerability assessment. Passionate about strengthening system security through hands-on learning, ethical hacking, and innovative problem-solving.

EDUCATION

B.Tech Computer Science and Engineering , Assam down town University	2023 – 2027(Pursuing)
12th PCM (CBSE) , Star Public School, Lumshnong	2023 (87%)
10th (CBSE) , Star Public School, Lumshnong	2021 (86.3%)

SKILLS

Cyber Security: Kali Linux, Metasploit, Nmap, Hydra, Burp Suite, Wireshark, OSINT, CTF Challenges, Vulnerability Assessment, Exploitation, Bruteforcing.

Web Development: HTML, CSS, JavaScript, React, SQL, Node.js, Bootstrap, API Integration.

Programming: C++, Java, Python, Bash.

Tools & Platforms: Git, GitHub, Postman, VS Code, IntelliJ, Cisco Packet Tracer, Linux environments.

EXPERIENCE

Cyber Security Intern

Elythra Edufyi Tech Solutions · Remote

Jul 2025 – Sep 2025 (3 months)

- Conducted Capture the Flag (CTF) challenges to strengthen penetration testing and ethical hacking skills.
- Used tools like Metasploit, Nmap, Hydra, Burp Suite, and Wireshark for vulnerability scanning and exploitation.
- Worked on real-world scenarios of reconnaissance, exploitation, and privilege escalation.

Network Engineer Intern

Star Cement Ltd. · On-site (Meghalaya, India)

Jul 2025 (1 months)

- Assisted in configuring and troubleshooting network devices and protocols.
- Gained practical exposure to Cisco networking, fiber optics, and LAN/WAN setups.
- Improved knowledge of secure networking practices for enterprise systems.

Cyber Security Intern

Academor · Remote

Nov 2023 (1 months)

- Hands-on practice with Kali Linux and its security toolset.
- Performed basic penetration testing and vulnerability assessment.
- Learned real-world applications of cybersecurity concepts under supervision.

PROJECTS

UbuntuOS Portfolio — [Code](#) | [Live](#)

Developed a personal portfolio website themed after Ubuntu 20.04 using Next.js and Tailwind CSS, featuring a dynamic UI and responsive design. (Sept 2025)

Audiovate — [Code](#) | [Live](#)

Built an AI-powered web app that converts PDF documents into audiobooks, allowing users to listen instead of read — designed for students and professionals on the go.(Oct 2025)

CrackClock — [Code](#) | [Live](#)

Created a password strength analyzer that estimates the time required to crack a password, offering real-time feedback based on multiple attack vectors. (Jul 2025)

ImageHunt: [Code](#) [Live](#)

Developed a responsive web app that allows users to search for images using a public API (e.g., Unsplash API), displaying results dynamically with real-time tracking of user queries and seamless user interface design.(April 2025)

TECHNICAL ACHIEVEMENTS

- Achieved **Premium Milestone** in the Google Cloud Skills Boost Arcade for two consecutive cohorts (**Jan–June 2024 and July–Dec 2024**).
- Completed Blue Team CTF challenges such as ***DanaBot*** and ***Web Investigation*** on CyberDefender.
- Progressed up to **Level 20 in Bandit** CTF (OverTheWire).
- Completed **PentesterLab** exercises up to *Recon 11*.
- Solved multiple VulnHub machines including ***The Planets: Earth*** and ***Mr. Robot***.

EXTRA CO-CURRICULAR ACTIVITIES

- Participated in multiple Capture the Flag (CTF) competitions and security challenges on platforms like CyberDefenders, OverTheWire, PentesterLab, and VulnHub.
- Regularly practice OSINT, penetration testing, and exploitation labs using Kali Linux and industry-standard tools.
- Engaged in bug bounty learning platforms (TryHackMe, HackTheBox) to strengthen hands-on skills in web application and system security.
- Continuously exploring the latest cyber threats, vulnerabilities, and security trends to stay up to date with the industry.