

Sampurna Pyne

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SUMMARY

Early Intermediate in Cyber Security and avid CTF player. Keenly interested in VAPT and Offensive Security. Aspiring Backend and Smart Contract Developer. Skilled in time management, coordinating workflow and ensuring a good working environment.

EDUCATION

B.Tech in Computer Science Engineering (IoT and Cybersecurity with Blockchain Technology) **2027**
Heritage Institute of Technology • (YGPA : 9.23) Kolkata, WB

CBSE Central Board of Secondary Education (Grade 12) **2023**
Hariyana Vidya Mandir (PCM) • 95.25% Kolkata, WB

CISCE Indian Certificate of Secondary Education (Grade 10) **2021**
Loreto Day School Dharamtala • 94.75% Kolkata, WB

SKILLS

- **Programming Languages** : Python, Java, JavaScript, C, Solidity, HTML, CSS, SQL
- **Security Skills**: CTFs, VAPT, Web Security, Network Security, Socket Programming, ML models
- **Tools** : Nmap, Metasploit, Burp-suite, Wireshark, Ettercap, GDB, Linux
- **Web Frameworks and Libraries** : React.js, Node.js, Django, Mongoose, Express, Truffle
- **Non Technical Skills** : Leadership, Time Management, Effective Communication, Problem Solving, Adaptability, Critical Thinking, Public Speaking, Quizzing and Collaboration

PROJECTS

- Ongoing Research Project(Security Threats in Cloud, Edge and Fog Computing) with Proff. Dr. Raja Karmakar (HOD- IoTCS, HITK)
- Brute Forcer, Directory Discovery, Backdoor and Network Scanner in Python
- AI based Email Filtering and Phishing Detection
- AI based Social Media Account Verifier (SBH 2024)
- Trojan in Flappy Bird Application for Android Hacking
- Toralizer in C
- XOR encryptor and file encryptor in C
- Uniline: AI based Career Counselling Website (SIH 2024)
- Book Sphere: New Gen library book delivering and management website (DTI Lab)

CERTIFICATIONS AND SCHOLARSHIPS

- Google Cyber Security Professional Certificate [completely scholarshipped by Grow with Google India]
- Try Hack Me Jr Pentester Certificate
- ZTM Complete Ethical Hacking Bootcamp
- AI and Chat GPT in Cyber Security 2024
- Complete Web Development Bootcamp

ACHIEVEMENTS

- Top 5 in ISOEH Hackathon 2024(CTF)
- 13th in ICEBREAKER 3.0 2023 organized by GDSC HITK.

CTF PROGRESS

- Over The Wire: Bandit, Leviathan, Krypton, Natas
- Pico CTF
- Try Hack Me- Top 8%