

STAVYA PATHAK

+91 9310675845 | stavva1245@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Delhi Technological University (Formerly DCE) Bachelor of Technology in Engineering physics Cumulative GPA: 8.8 (Till 2nd Semester)	New Delhi 2024 - 2028
Mayur Public School Class XII CBSE(Physics, Chemistry, Mathematics and Computer Science) Percentage: 91%	New Delhi 2023 - 2024
Class X CBSE Percentage: 89.2%	New Delhi 2021 - 2022

EXPERIENCE

Blockchain Lead Intern at Lokachakra - • Architected and deployed robust smart contracts using Sui Move, managing the end-to-end development lifecycle from initial protocol design to successful deployment • Audited and hardened 15+ smart contracts, identifying and rectifying 25+ critical vulnerabilities before deployment to safeguard digital assets • Engineered seamless integrations between complex on-chain logic and off-chain applications, ensuring reliable data synchronization and a smooth user experience for decentralized applications (dApps).	May 2025 -Aug 2025
--	--------------------

PROJECTS

EHAX CTF (Post) • Created and hosted EHAX CTF, a Jeopardy-style cybersecurity competition, on CTFd. • Developed and deployed 40 diverse challenges in web exploitation, reverse engineering, binary exploitation, cryptography, and digital forensics on an Azure server • Managed unexpected traffic by expanding server capacity for over 3500 participants and 1000 teams	Feb 2026
Memory Dump Visualizer (Link) • Built an interactive visualization layer on top of Volatility to simplify memory dump analysis and accelerate digital forensic investigations. • Designed modular architecture supporting over 20 Volatility plugins with visual analytics and anomaly detection • Automated parsing of processes, network connections, and modules from dumps, achieving 50% faster triage time compared to manual Volatility analysis	Sep 2025

SKILLS

• Languages : Python , Javascript , Bash , C++ , C , Go , sui-move , Solidity • Blockchain : Ethereum , Solidity , web3js , Javascript , sui-move , sui • Cybersecurity : VAPT , OSINT , DFIR , Cryptography , Memory Forensics , Steganography , Linux Endpoint Investigations, Windows Forensics • Tools & Framework : Nmap, NetCat, Metasploit, Volatility, SleuthKit, FTK, Autopsy, hexedit, Linux, Burp Suite , ADB, Git, Azure, ESP32, Arduino, Docker & Kubernetes • Other : Operating System , IOT , DIY Electronics & Computer Networks	Sep 2025
---	----------

ACHIEVEMENTS

• All India Rank 7 on CTFtime • National Finalist (Top 12) at NCIIPC–AICTE Pentathlon 2025 - the biggest cybersecurity event of India. • Secured 3rd Place at HACKIITK CTF, demonstrating exceptional penetration testing and vulnerability assessment skills, and was awarded a ₹1 Lakh cash prize • Recipient of 1st prize in IICON CTF, 1st in d4rkc0d3 CTF, 4th in 07CTF, 15th in BITS CTF , 11th in ACE CTF , 23rd in Kashi CTF , 37th in Tamu CTF
--

POSITIONS OF RESPONSIBILITY

Treasurer & CTF player for EHAX - The Ethical Hacking & Cybersecurity Society of DTU • EHAX is ranked in top 10 teams in india and top 50 in world at ctfime • Recipient of 1st prize in IICON CTF, 1st in d4rkc0d3 CTF, 4th in 07CTF, 15th in BITS CTF , 11th in ACE CTF , 23rd in Kashi CTF , 37th in Tamu CTF

ADDITIONAL

• Contributed to the cybersecurity community by sharing CTF writeups (Link) • Volunteered in EHAX CTF , Assisted with event sessions and programs , made challenges for the CTF • Participated in hackathons & CTF organized by IGD'TUW, IIT Roorkee, and DTU, showcasing innovation and problem-solving
--