

AANANDI SHARMA

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LinkedIn GitHub

EDUCATION

Bachelor of Technology, Computer Science and Engineering **Expected 2026**
Thapar Institute of Engineering and Technology, Patiala

Three Year Diploma, Computer Science and Technology **2020–2023**
Govt. Polytechnic, Jammu, J&K

TECHNICAL SKILLS

Programming Languages: Python, C, C++, JavaScript, HTML, CSS, SQL, KQL
Software Engineering: React, Node.js, Next.js, Tailwind css, WebRTC, Vite, Linux
Security: Network Scanning, OSINT, Keyloggers, Encryption, Wireshark.
Libraries/Frameworks: OpenCV, PyDrive2, NumPy, pandas, L^AT_EX, Ms Word, Excel, GitHub

PROJECTS

- **UbuntuOS Portfolio** *Feb 2025* (GitHub)
 - Interactive Ubuntu-styled portfolio OS built using **Next.js, React, and Tailwind CSS**.
 - Includes draggable windows, terminal emulator, apps, context menus, and a custom window manager.
- **Real-Time Video Calling App** *2025* (GitHub)
 - Built a WebRTC-based video calling platform with **screen share, chat, and multi-user rooms**.
 - Implemented signaling with **Socket.io** and media handling using **WebRTC APIs**.
- **StealthScribe** *Mar – Jun 2023* (GitHub)
 - Python spyware capturing keystrokes, screen activity, and clipboard data.
 - Automated data exfiltration via email; tested on **3 environments with 5+ users**.
- **Swiftie Vault** *Feb 2025* (GitHub)
 - AES-256 encrypted vault with **2FA, OTP login, and Google Drive sync**.
 - Verified file integrity using **SHA-256**; secured **50+** test files.

EXPERIENCE

Networking Intern, Infinite Computer Solutions *Jun – Jul 2025*
Jammu, J&K Certificate

- Documented and executed **20+ daily logs** for system health checks and audit reports.
- Shadowed **5+ vulnerability assessments** and learned OWASP scanning techniques and analyzed **30+ fire-wall logs**

Cisco AICTE Internship, Cisco Networking Academy *Jul – Aug 2025*
Remote Certificate

- Hands-on with firewalls, IDS, and packet analysis in Cisco labs.
- Worked on threat modeling, incident response, and secure network design.

CERTIFICATIONS

EC-Council (Network Defence, Ethical Hacking), Cisco (Ethical Hacking, Networking Basics, Network Security, Cybersecurity), AWS Academy (Cloud Security Builder, Foundation), Forage (MasterCard Cybersecurity, TATA Analyst Simulation)

ACHIEVEMENTS and VOLUNTEERING

- **Flipkart Grid 7.0** *View Certificate*
National Semi-finalist at **Flipkart GRID 7.0, 2025**.
- **People For Animal**
Volunteering for **PFA “People For Animal” Society** at Thapar University.