

# AANANDI SHARMA

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LinkedIn GitHub

## EDUCATION

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<b>Bachelor of Technology</b> , Computer Science and Engineering Thapar Institute of Engineering and Technology, Patiala	<b>Expected 2026</b>
<b>Three Year Diploma</b> , Computer Science and Technology Govt. Polytechnic, Jammu, J&K	<b>2020–2023</b>

## TECHNICAL SKILLS

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**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, LATEX, Ms Word, Excel, GitHub

## PROJECTS

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- **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

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**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

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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

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- **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.