

Suvadip Pramanik

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[LinkedIn](#) • [GitHub](#)

Education

B.Tech, Computer Science and Engineering (Cybersecurity and Digital Forensics)	2022–2026
Vellore Institute of Technology, Bhopal	(7.73 CGPA)
X Grade (CBSE)	2018–2019
Army Public School, Jaipur	(89.46%)
XII Grade (CBSE)	2020–2021
Army Public School, Barrackpore	(87%)

Technical Skills

- **Domains:** Ethical Hacking (CEHv13ai), Web Security
- **Programming Languages:** Python, Java, Bash
- **Operating Systems:** Linux (Kali, Ubuntu), Windows
- **Tools:** BurpSuite Pro, Wireshark, Nmap, Metasploit

Projects

- **Network Scanner using Raspberry Pi Pico WH** [GitHub Link](#)
Built a Wi-Fi scanner using MicroPython in station mode; captured SSID and RSSI values of local networks using SSD1306 OLED for visualization. Simulated passive footprinting for security testing.
- **System Resource Monitor for Raspberry Zero 2W** [GitHub Link](#)
Built a system resource monitor for Raspberry Pi Zero 2W using SSD1306 module for display. Coded in Python.
- **picoCTF Solutions & Writeups (2019–2025)** [GitHub Link](#)
Authored 100+ writeups across cryptography, general skills, forensics, reverse engineering, and web exploitation. Repository aids beginners and ranks in top community resources.

Certifications

- **Certified Ethical Hacker v13 (EC-Council)** Expected 2025
Enrolled in CEHv13ai program focusing on footprinting, enumeration, vulnerability analysis, and exploit development.
- **Hands-on Penetration Testing on Termux (EC-Council)** 2025
[Certificate Link](#)
- **Introduction to Networking and Cloud Computing (Coursera)** 2023
[Certificate Link](#)
- **Cybersecurity Threat Vectors and Mitigation (Coursera)** 2023
[Certificate Link](#)

Achievements

- Ranked in top 3800 in picoCTF 2025 among 18000+ participants.

Activities & Interests

- Designing team head at Vitronix club, VIT Bhopal
- Capture The Flag competitions, cybersecurity writeups, Security updates, repository branding, technical documentation