

LAV SARKARI

Cybersecurity & AI Security Enthusiast

luv.sarkari@gmail.com | linkedin.com/in/lavsarkari | github.com/lavsarkari

I am a B.Tech CSE (AI/ML) student and IT diploma holder with a growing foundation in **cybersecurity and AI-driven automation**. I have hands-on familiarity with tools like **Burp Suite, Metasploit, and Wireshark**, and I use **Python scripting** to practice and simplify security tasks. I have started building small projects around IoT security and automation, and I am currently working on improving my skills in **VAPT, security testing, and AI-based automation and defense solutions**.

SKILLS

- **Programming & Scripting:** Python, Bash
- **Security & Pentesting:** Nmap, Metasploit, Burp Suite, Wireshark, Caido
- **Networking & Systems:** TCP/IP, DNS, HTTP/HTTPS, Linux, Windows
- **AI & Automation:** ML workflows, API integration, security automation
- **DevOps & Tools:** GitHub CI/CD, Docker

EXPERIENCE

JUNIOR PENTESTETER INTERN

ASD Cyber Security · Internship
Aug 2023 · 1 mo | Remote

- Conducted reconnaissance and vulnerability assessments on live systems using Nmap, Burp Suite, and Metasploit.
- Documented findings and developed remediation workflows aligned with OWASP Top 10 standards.
- Strengthened hands-on knowledge of penetration testing methodologies in a professional setting.

PROJECTS

- **ESP32-CAM IoT Security System:** Built a motion-triggered surveillance system with AI-based image labeling and Telegram alerts, *improving detection accuracy and reducing manual monitoring*.
- **SubEnum v2.0:** Developed an automated subdomain enumeration tool integrating Sublist3r, Amass, and Subfinder, *accelerating recon workflows by 3x*.

EDUCATION

- **B.Tech CSE (AI/ML)**
- AKTU, SMS Lucknow | 2025 – Current
- **Diploma in Information Technology**
- CSJM Govt. Polytechnic | 2021 – 2024