Aryan Singh Shaktawat

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EDUCATION

UPES Dehradun   Dehradun, India
B.Tech in Computer Science Engineering (Cyber Security & Forensics)   *2023 – Present*

Sir Padampat Singhania School   Kota, India
Class 12 (CBSE) — 84%   —   Class 10 (CBSE) — 92%   *2020 – 2022*

EXPERIENCE

Cyber Security Intern   Jun 2025 – Jul 2025
STF Cyber Cell, Uttarakhand Police   *Dehradun, India*

- Performed **log analysis** and supported **incident response** for active cybercrime cases.
- Conducted **OSINT investigations** involving domain/IP intelligence and metadata extraction.
- Assisted in **digital forensics** evidence handling and structured case documentation.
- Developed an **OSINT automation toolkit** improving investigation workflow.

Social Intern   Jun 2024 – Jul 2024
Shine India Foundation   *Kota, India*

- Contributed to digital outreach, volunteer coordination, and community awareness activities.

PROJECTS

Automated Vulnerability Scanner | Python, Nmap   2025
- Automated port scanning, service enumeration and basic **CVE lookup** using Python + Nmap.

Log Analyzer for Security Events | Python   2025
- Detected brute-force attempts & suspicious IP behavior; generated JSON/CSV incident summaries.

DevSecOps CI Pipeline | GitHub Actions, Bandit, Gitleaks   2025
- Integrated **SAST**, secret scanning, and dependency checks into CI/CD workflow.

Cyber Investigation OSINT Toolkit (CIOT) | Python, CustomTkinter   2025
- Automated OSINT enrichment, evidence logging, and reputation checks for investigations.

Personal Portfolio (shaktawat.in) | Next.js, React   2025
- Developed a responsive multi-page portfolio with optimized UI and reusable components.

PYQ Analyzer | Python, ML   2024
- Predicted frequently repeated questions using statistical models and pattern analysis.

BACHAAV — Emergency Bot | Python, Telegram API   2024
- Real-time SOS system enabling GPS-based alerts and automatic media capture.

TECHNICAL SKILLS

Cybersecurity: OWASP Top 10, Network Security, Linux Security, SIEM (Wazuh/ELK), Incident Response, Log Analysis, Vulnerability Assessment, OSINT, DevSecOps Fundamentals, API Security, SAST/DAST (Bandit, ZAP), Burp Suite, Nmap, OpenVAS, Secure SDLC, IAM (RBAC), Threat Detection, Linux Hardening.
Programming: Python, C, C++, Java, JavaScript , python .
Tools: Git, GitHub, Bash, Postman, Linux CLI, MySQL, CustomTkinter.
Web/Frameworks: React, Next.js, TypeScript, Tailwind CSS.

COURSEWORK & CERTIFICATIONS

OWASP Top 10 • Network Security • Linux Security • DevSecOps Fundamentals • SIEM Basics • API Security • Intro to Cryptography • Drone Tech Bootcamp (NIT Kurukshetra) • Flutter Workshop (UPES) • NCC 'A' Certificate