

Aryan Singh Shaktawat

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EDUCATION

UPES Dehradun <i>B.Tech in Computer Science Engineering (Cyber Security & Forensics)</i>	Dehradun, India 2023 – Present
Sir Padampat Singhania School <i>Class 12 — 84% — Class 10 — 92%</i>	Kota, India 2020 – 2022

EXPERIENCE

Cyber Security Intern <i>STF Cyber Cell, Uttarakhand Police</i>	Jun 2025 – Jul 2025 Dehradun, India
– Performed log analysis and supported incident response for active cybercrime cases. – Conducted OSINT investigations involving domain/IP intelligence and metadata extraction. – Handled digital forensics evidence and structured case documentation. – Developed an automation toolkit enhancing investigative workflows.	

Social Intern <i>Shine India Foundation</i>	Jun 2024 – Jul 2024 Kota, India
– Managed digital outreach and volunteer coordination for community initiatives.	

PROJECTS

Secure Payment Gateway Simulator Java, Spring Boot, MySQL, JWT	2025
– Built a mock financial transaction system supporting secure card handling and JWT-based authorization. – Implemented velocity-rule based fraud detection logic and transaction pattern monitoring.	
Automated Vulnerability Scanner Python, Nmap	2025
– Automated port scanning, service enumeration and basic CVE lookup with structured report results.	
DevSecOps CI Pipeline GitHub Actions, Bandit, Gitleaks	2025
– Integrated SAST and secret scanning improving secure CI/CD deployment workflow.	
Personal Portfolio Website (shaktawat.in) Next.js, React, Tailwind	2025
– Developed responsive multi-page portfolio showcasing projects with optimized UI components.	
BACHAAV — Emergency Bot Python, Telegram API	2024
– Implemented real-time GPS alerting system with automatic media capture for emergency reporting.	

TECHNICAL SKILLS

Software Engineering: Java, Python, C++, C, OOP, DSA, REST APIs, Microservices, System Design (Basics)
Cloud & DevOps: Google Cloud, Docker, GitHub Actions, Linux CLI
Cybersecurity: OSINT, SIEM (Wazuh/ELK), Network Security, Secure SDLC, Burp Suite, Nmap, SAST/DAST
Web Development: Next.js, React, TypeScript, JavaScript, Tailwind CSS, CustomTkinter
Other Interests: Distributed Systems, Real-time Architectures, High-Reliability Systems Engineering

COURSEWORK & CERTIFICATIONS

Google Cloud Essentials • OWASP Top 10 • DevSecOps Fundamentals • SIEM Basics • API Security • Intro to Cryptography • NCC ‘A’ Certificate • Drone Tech Bootcamp (NIT Kurukshetra)

ACHIEVEMENTS

Winner – Dholida 2024 • Runner-Up – UURJA DIT Fest • District-Level Badminton Player • SEE Ambassador Finalist