

# Aryan Singh Shaktawat

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## EDUCATION

### UPES Dehradun

*B.Tech in Computer Science Engineering (Cyber Security & Forensics)*

### Sir Padampat Singhania School

*Class 12 — 84% — Class 10 — 92%*

Dehradun, India

*2023 – Present*

Kota, India

*2020 – 2022*

## EXPERIENCE

### Cyber Security Intern

*STF Cyber Cell, Uttarakhand Police*

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

*Shine India Foundation*

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](https://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