

Resume_Aryan_singh_shaktawat

Aryan Singh Shaktawat

B.Tech CSE (Cyber Security & Forensics), 5th Semester

School of Computer Science, UPES, Dehradun

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Scholastic Achievements

- **NCC 'A' Certificate Examination**, 14 RAJ BN NCC
- Scored **92%** in Class 10th CBSE Board, Sir Padampat Singhania School, Kota (2021)
- Scored **84%** in Class 12th CBSE Board, Sir Padampat Singhania School, Kota (2023)
- Awarded multiple honors for academic excellence, sports, and Olympiads

Internships & Experience

Cyber Security Intern | STF Cyber Cell, Uttarakhand Police, Dehradun

(July 2025 – Present)

- Assisted in real-world **cyber investigations** and open-source intelligence (OSINT) operations for the Special Task Force
- Designed and developed a **Cyber Investigation OSINT Toolkit** for digital case management and evidence logging, utilizing **Python** and **CustomTkinter**
- Supported field officers with digital evidence workflows and case automation in active cybercrime investigations

Social Intern | Shine India Foundation

- Contributed to public awareness campaigns on **eye donation** through community outreach and event engagement

Key Projects

Cyber Investigation OSINT Toolkit (STF Cyber Cell)

- Developed a toolkit to support cyber investigations and OSINT, focused on evidence collection and centralized case management
- Utilized **Python** with **CustomTkinter** for a user-friendly desktop interface

PYQ Analyzer – Repeated Question Predictor

- Built a program that allows users to input all previous years' question papers (PYQs) and analyzes the frequency of each question
- Identifies and highlights the most **repeated questions** and predicts those most likely to appear in upcoming exams
- Features include intuitive input, result ranking, and insights for focused academic preparation
- Technologies used: **Python** (with file handling and data analysis libraries)

Emergency Response App 'BACHAAV' (CSA Hackathon 4.0)

- Co-developed a mobile-based emergency alert application at UPES CSA Hackathon, ensuring robust backend and user security

Drone Technology Bootcamp (NIT Kurukshetra, 2024)

- Hands-on experience in drone piloting, embedded systems, and sensor technology integration

Flutter Workshop (Open Community, UPES)

- Completed practical training in cross-platform mobile app development using **Flutter**

Positions of Responsibility

- **Operations Head**, IEEE Signal Processing Society Student Branch Chapter, UPES (2025)
- **Core Member**, Taal Tarang (Official Dance Club, UPES)
- **Organizing Team Member** for major college fests (TAAL TARANG, UURJA'23)
- **Active Member**, CSI Student Chapter (First Year)
 - Supported backend operations and participated in technical events

Technical Skills

- **Programming Languages:** Python, C, C++
- **GUI & Interface Development:** CustomTkinter (Python)
- **Web Basics:** HTML, JavaScript
- **Mobile Tech:** Introductory skills in Flutter
- **Event Operations:** Team planning, event coordination, poster design, social media management

Relevant Courses

- Problem Solving and Algorithms
- Python Programming
- C Programming
- C++ Programming
- OOP with Java
- Bash Scripting and Linux Terminal Operations
- Cyber Security Fundamentals
- Digital Forensics & OSINT Methods

Academic Background

Year	Qualification / Degree	Institute / Board	Percentage / CGPA
2023–Present	B.Tech CSE (Cyber Security & Forensics)	School of Computer Science, UPES	7.8 CGPA
2021–2023	Class 12th	Sir Padampat Singhanian School, Kota – CBSE	84%
2019–2021	Class 10th	Sir Padampat Singhanian School, Kota – CBSE	92%

Extracurricular Activities

- **Core Member**, Taal Tarang (Official Dance Club, UPES)
- Organized and volunteered at college fests (TAAL TARANG, UURJA'23)
- Led peer groups for technical and non-technical activities
- Volunteered for blood and eye donation drives (IMA Blood Bank, Shine India Foundation)
- Certifications: Dholida'24 (Event Volunteer), IMA Blood Bank (Blood Donation)

Summary Table

Section	Highlights
Internships	STF Cyber Cell (Cyber Security Intern), Shine India Foundation (Social Intern)
Key Projects	Cyber Investigation OSINT Toolkit (CustomTkinter), PYQ Analyzer, BACHAAV app, Drone Bootcamp, Flutter Workshop
Positions	Operations Head (IEEE-SPS), Core Member (Taal Tarang), Organizing Team (college fests), Active Member (CSI)

Section	Highlights
Technical Skills	Python, C, C++, CustomTkinter, HTML, Flutter (basics), Event & Team Management
Academic Achievements	NCC 'A', 92% (10th), 84% (12th), School Honors
Extracurriculars	Fest organizing, volunteering, peer group leadership