

# Krishna Sachdeva

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Location: Ponda, Goa

GitHub: [CS-Krishna](https://github.com/CS-Krishna)

Webpage: [sachdevakrishna.me](https://sachdevakrishna.me)

## OBJECTIVE:

Postgraduate student in M.Sc. Digital Forensics and Information Security (DFIS) at NFSU (National Forensic Science University), with a strong interest in cybersecurity, digital forensics, hands-on labs, and offensive security learning. Seeking opportunities to build practical experience through security research, CTFs, and real-world cybersecurity projects.

## INTERNSHIP:

- Completed an internship on Cybersecurity at Netsmartz, where I gained hands-on experience using tools like Burp Suite, ZAP, and OWASP Juice Shop. I worked on identifying and mitigating vulnerabilities such as SQL Injection, CSRF, and Broken Access Control, while also exploring Network and Cloud Security through tools like Wazuh.
- Took part in a paid Software User Acceptance Testing Internship at Super Student where I meticulously proof-checked software and evaluated user interfaces across multiple features. Proficiently identified and reported on bugs, contributing to the enhancement of software quality and user experience.

## PROJECTS:

- Built an Android digital forensics tool that automates artefact extraction, AI-based weapon detection using a custom YOLOv8s model, and self-contained forensic report generation through a Flask web interface.
- Developed a Python project focusing on Encryption, Image Steganography, and Face Recognition, complete with a user-friendly Graphical User Interface (GUI) using Tinkerers.
- Co-created a machine learning-based movie recommendation system incorporating Explainable AI techniques to interpret model predictions.

## EDUCATIONAL QUALIFICATIONS:

PARTICULARS	INSTITUTION	TERM	RESULT
DFIS (Sem-1&2)	National Forensics Science University	2025-2027	8.40 CGPA
BCA	Amity University, Punjab	2022-2025	77.1 %
Class XII	Learning Paths School	2020-2022	71.80 %
Class X	Vivek High School, Mohali	2019-2020	6.8 CGPA

## TECHNICAL SKILLS:

- Python
- HTML & CSS
- Digital Forensics Fundamentals
- Cybersecurity Fundamentals
- Cyber Tools (Burp Suite, Wireshark, Autopsy)
- Linux Fundamentals

## ACHIEVEMENTS & EXTRA CURRICULARS:

- Achieved an IELTS Overall Band Score of 8.0 in 2025 (Listening 8.0, Reading 8.5, Writing 7.0, Speaking 7.5), demonstrating strong academic English communication skills.
- Completed the Google Cybersecurity Professional Certificate.
- Participated in and assisted in organising multiple on-campus Capture the Flag (CTF) competitions.
- Currently pursuing the TryHackMe Cybersecurity 101 learning path to strengthen practical cybersecurity skills.
- Served as the elected Class Representative (CR) during undergraduate studies, acting as a liaison between faculty and students.
- Contributed to community service initiatives through the National Service Scheme (NSS).
- Participated in college cultural clubs including Theatre, Dance, and Fashion, with roles in scripting, acting, event organisation, and technical support.