



Aakash Sapkota

Date of birth: 07/07/2005 | **Place of birth:** Butwal, Nepal | **Nationality:** Nepalese |

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Address: Bangalore, 560088, Bangalore, India (Work)

ABOUT ME / PROFILE

CURRENT

BCA Student | Cybersecurity & Cloud Computing | Linux & AWS

I am **Aakash Sapkota**, a **second-year BCA student** specializing in **Cybersecurity and Cloud Computing** at **Sapthagiri NPS University**. I am passionate about securing systems, learning modern technologies, and improving my skills through practical work.

I have hands-on experience exploring operating systems like **Kali Linux, Arch Linux, and Ubuntu**, which helped me understand Linux commands, networking basics, and cybersecurity tools. I also have basic knowledge of **AWS (Amazon Web Services)** and I am learning cloud fundamentals such as cloud services, security concepts, and deployment basics.

Along with cybersecurity and cloud, I am interested in **website development and graphic design**. I enjoy building and improving websites, focusing on better UI and mobile performance. I also create posters and social media designs, which helps me improve creativity and presentation skills.

I am a self-motivated learner, a good team player, and I enjoy solving problems. My goal is to build a strong career in **Cybersecurity and Cloud Security**, gain real-world experience, and work on projects that create secure and useful solutions.

EDUCATION AND TRAINING

04/10/2024 - CURRENT Bangalore, India

BACHELOR OF COMPUTER APPLICATIONS - CYBERSECURITY AND CLOUD COMPUTING Sapthagiri NPS University

Address Sapthagiri NPS University, Bangalore, Karnataka, India, 560057, Bangalore, India | **Website** <https://snpsu.edu.in/> |

Field of study Information and Communication Technologies, Software and Applications Development and Analysis, Cybersecurity and Cloud Computing

Level in EQF EQF level 6

DIGITAL SKILLS / TECHNICAL SKILLS

Cyber Security / Cloud Computing

Cybersecurity

- Cybersecurity fundamentals (basic security concepts, system security)
- Beginner knowledge of penetration testing tools and techniques

Cloud Computing

- AWS fundamentals (basic cloud services and cloud concepts)

Operating Systems

- Kali Linux, Arch Linux, Ubuntu (Linux basics and system fundamentals)

Version Control

- Git and GitHub (repository management, project hosting)

Web Development

- HTML, CSS, JavaScript (basic)
- Website maintenance and UI improvements (mobile performance, dark mode)

Graphic Design

- Poster design and social media creatives (basic design tools like Canva)

PROJECTS

Academic & Personal Projects

PROJECT 1: Library Management — **LIBRARY_MGMT** (Completed)

Role: Full-stack (Frontend Logic) / Project Owner

Status: Completed

Description: Built a simple library management web app to **add, edit, and delete book records**. Practiced **JavaScript logic, DOM manipulation**, and CRUD operations.

Technologies/Tools: JavaScript, HTML, CSS, Git, GitHub, VS Code

Link: https://github.com/aakashsapkotaa/LIBRARY_MGMT

PROJECT 2: Network Security Scanner — **network-security-scanner** (Ongoing)

Role: Cybersecurity Project / Developer

Status: Ongoing

Description: Developing a basic network security scanner to understand **network scanning, system security basics**, and **security testing in a learning environment**.

Technologies/Tools: Python, Linux (Kali/Ubuntu), Nmap (basic), Git, GitHub

Link: <https://github.com/aakashsapkotaa/network-security-scanner>

PROJECT 3: YouTube Video Downloader Pro — **youtube-video-downloader-pro** (Completed)

Role: Developer / Project Owner

Status: Completed

Description: Created a YouTube video downloader project to practice **automation, file handling**, and building real-world utilities.

Technologies/Tools: Python, Linux, Git, GitHub, VS Code

Link: <https://github.com/aakashsapkotaa/youtube-video-downloader-pro>

PROJECT 4: Attendance System — **attendance-system** (Completed)

Role: Developer / Project Owner

Status: Completed

Description: Built an attendance system to record and manage attendance data in a simple and organized way. Improved skills in **logic building** and **data handling**.

Technologies/Tools: Python, SQLite (basic), Git, GitHub

Link: <https://github.com/aakashsapkotaa/attendance-system>

More....

COMMUNICATION AND INTERPERSONAL SKILLS

Effective Communication and Teamwork

I am a confident and approachable person with strong communication and interpersonal skills. I work well in teams, build positive relationships, and collaborate smoothly with others. I can explain ideas clearly and stay calm while solving problems in different situations.

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
HINDI	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HOBBIES AND INTERESTS

Sports and Technology

Cybersecurity & Cloud Learning: Exploring security tools and cloud technologies (AWS).

Website Development: Building and improving websites, testing UI features like dark mode.

Penetration Testing (Beginner): Learning ethical hacking concepts and practicing labs.

Problem Solving: Enjoy solving logical and technical challenges.

Graphic Design: Creating posters and social media designs.

Sports: Playing table tennis (Ping-Pong), Playing Cricket ,Playing Chess

Personal Growth: Focused on continuous learning and self-improvement.

● ADDITIONAL INFORMATION

CURRENT

Certifications & Achievements

CERTIFICATIONS

Diploma in Graphic Design

- Completed diploma certification in graphic design
- Skilled in creating posters, social media creatives, and visual content

Cisco CyberOps Associate Certificate

- Completed certification in cybersecurity operations fundamentals
- Covered SOC concepts, security monitoring, threats, and incident response basics

ACHIEVEMENTS

- Completed **Cisco CyberOps Associate** certification.
- Completed a **Diploma in Graphic Design** certification.
- Built and published multiple projects on **GitHub** (web apps and utilities).
- Developed a **Library Management System** project using JavaScript (CRUD operations).
- Created and maintained a personal **portfolio website** to showcase projects and skills.
- Improved practical skills in **Linux (Kali/Arch/Ubuntu)** and **AWS fundamentals** through hands-on learning.

Volunteering

- Helped friends/classmates with basic **Linux commands**, web projects, and technical tasks
- Supported team collaboration in college project work

Portfolio / Links

- **GitHub:** <https://github.com/aakashsapkotaa>
 - **Portfolio Website:** <https://aakash-sapkota.com.np/>
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