

Abhinav Kumar

Dehradun, 248001

Email: abhiichaudhary00123@gmail.com

Mobile: 7017759291

PROFESSIONAL SUMMARY

Motivated and detail-oriented third-year Computer Science student with a strong foundation in software development, cybersecurity, and artificial intelligence. Experienced in building secure and scalable applications, including AI-powered systems and development tools. Passionate about solving real-world problems through technology and innovation. Solved over 400 problems on LeetCode, demonstrating consistent problem-solving ability.

ACADEMIC DETAILS

Examination	Course	Institute	Year	SGPA/%
Graduation	B.Tech CSE	Graphic Era University	2026	7.41

FIELDS OF INTEREST

- Cybersecurity, Web Development, Machine Learning, Artificial Intelligence

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java, JavaScript
- **Subjects:** Data Structures, Algorithms, OOP, Cybersecurity (Ethical Hacking)
- **Databases:** MySQL, Pandas
- **Scripting:** Python, Shell
- **Tools:** VSCode, Jupyter, Eclipse, Git, GitHub, APIs, Nmap, Wireshark, Metasploit, Netcat, Proxy-Chains
- **Operating Systems:** Linux (Kali, Ubuntu, Parrot, Tails, Metasploitable), Windows
- **Development:** HTML, CSS, JavaScript, Flask, Django
- **Libraries & Frameworks:** NumPy, Pandas, Tkinter

PROJECT EXPERIENCE

- **Vulnerability Scanner** *Tools: Metasploit, Nmap, Flask*
 - Designed and implemented a web-based tool to identify network vulnerabilities, improving penetration testing workflows.
- **AI Voice Assistant** *Tools: Python, TensorFlow*
 - Developed a voice assistant using NLP techniques and TensorFlow, achieving over 90% speech recognition accuracy.
- **Cybersecurity Toolbox** *Tools: Python*
 - Created a command-line based toolbox for password management, encryption, and hashing functions tailored for secure environments.
- **Blockchain Visualizer** *Tools: Python, Tkinter*
 - Built a graphical blockchain visualizer to demonstrate how blocks are created, validated, and linked. Useful for teaching and debugging blockchain logic in real-time.

STRENGTHS

- Strong problem-solving skills
- positive attitude
- effective communication
- dedication to continuous learning