

Abhay Srivastava

Developer

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Summary

Final-year B.Tech CSE student specializing in Cybersecurity, with strong skills in Python, AI, and NLP. Experienced in identifying vulnerabilities, penetration testing, and developing secure applications. Built hands-on projects in AI agents, automation systems, and security tools, demonstrating the ability to design robust architectures and intelligent solutions. Passionate about advancing cybersecurity and AI innovation in fast-paced environments.

Experience

Project Engineer (Academic Role)

01/2025 – 06/2025

- Implemented full-stack apps using AI.
- Collaborated in 3+ group projects, taking lead on backend development.
- Followed Agile process in mini-projects for regular sprint-based deliveries.
- Participated in code reviews and debugging sessions for peer learning.

Education

Bachelor of Technology in Computer Science,

08/2022 – Present

Shri Ramswaroop Memorial University

Lucknow, India

- Gained foundational and advanced knowledge in computer networks, operating systems, cryptography, ethical hacking, and threat analysis, with hands-on experience using tools like Wireshark, Nmap, Burp Suite, and Metasploit.

Skills

Technical Skills

Cybersecurity, Penetration Testing, Vulnerability Assessment, SQL, Web Development, Artificial Intelligence, Python, C, NLP.

Professional Skills

Communication, Problem-Solving, Critical Thinking, Teamwork, Adaptability, Time Management, Leadership.

Projects

NeoAssist

07/2025 – 08/2025

Created an intelligent AI assistant with a 3D web interface. Capable of controlling applications, managing tasks, sending emails and executing voice/text commands.

Encryption & Decryption Tool

11/2023 – 11/2023

Created a command-line tool to encrypt and decrypt sensitive data using Caesar Cipher logic, helping users understand core security principles.

Certificates

Cyber Security – IBM (Sep, 2025)

Includes: IBM Cloud Fundamentals, Data Privacy & Compliance, Identity & Access Management, Cyber Security Analysis, Security Intelligence Engineering