

Abhay Srivastava

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CAREER OBJECTIVE

Final-year B.Tech CSE student with a specialization in Cybersecurity, possessing a strong foundation in penetration testing, network analysis, and system hardening. Experienced in ethical hacking tools like Burp Suite, Wireshark, Metasploit, and Nmap. Adept at building secure systems, intelligent AI assistants, and scalable web applications. Seeking challenging roles across Cybersecurity, Software Development, or AI-based projects where I can apply my technical knowledge, analytical skills, and problem-solving capabilities to contribute meaningful solutions.

PROJECTS

AI ASSISTANT WITH 3D INTERFACE | Python, Flask, Three.js 2024

- Developed a conversational AI assistant with real-time voice and text communication.
- Integrated a 3D animated avatar using Three.js for enhanced user interaction.
- Enabled multilingual support, intent recognition, and contextual understanding using Python-based NLP.
- Structured modular AI agents for scheduling, web search, and productivity tasks.

SMART AI ASSISTANT | Python, NLP, AI, Flask 2024

- Created a multilingual AI assistant with context-aware responses and voice/text interaction.
- Used modular architecture for scalable AI agents.

ENCRYPTION DECRYPTION TOOL | Python 2023

- Built a command-line Caesar Cipher encryption-decryption tool with input validation.

PORTFOLIO WEBSITE | HTML, CSS, JavaScript 2023

- Designed and deployed a responsive portfolio website showcasing projects and resume.

CERTIFICATIONS

Cybersecurity Fundamentals – IBM (May 2024)

Mastering Kali Linux for Ethical Hackers – Udemy (Mar 2024)

Identity and Access Management – IBM (Apr 2025)

IBM Cloud Essentials V3 – IBM (Apr 2025)

Design Thinking – TCS (Feb 2023)

ACHIEVEMENTS

Student Coordinator, Developer's Community – SRMU

Core Team, RedHat Club (in collaboration with RedHat)

Coordinator, Smart India Hackathon Internal Round 2024

EDUCATION

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

B.TECH CSE WITH CYBERSECURITY
2022 - 2026 | Lucknow, India

SUMITRA MODERN SCHOOL, SITAPUR

CLASS XII - 2022 | CLASS X - 2020

SKILLS

CYBERSECURITY

- Burp Suite • Wireshark • Metasploit • Nmap

LANGUAGES

- Python • Java • C • Bash

WEB / TOOLS

- HTML • CSS • React • Node.js • Git/GitHub

OPERATING SYSTEMS / DATABASES

- Kali Linux • Ubuntu • Windows • MySQL • MongoDB

LINKS

GitHub:// abhay-0912

LinkedIn:// srivastavabhay

Portfolio:// Portfolio Website