

Aditya Sanu

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SKILLS

- **Languages:** Python, C++, JavaScript, Java
- **Frameworks:** CIA Triad, OSINT, CIS Controls, NIST CSF, OWASP Top 10
- **Tools/Platforms:** Wireshark, Nmap, Nessus, Burp Suite, Kali Linux Tools, Autopsy
- **Soft Skills:** Leadership, Problem-Solving, Adaptability

TRAINING

C++ Programming: OOPs and DSA

June – July 2025

- Completed hands-on training focused on C++ fundamentals, Object-Oriented Programming, and Data Structures & Algorithms.
- Gained practical experience in implementing classes, inheritance, polymorphism and file handling.
- Developed multiple mini-projects applying arrays, linked lists, stacks, queues, trees, graphs and sorting/searching algorithms.

PROJECTS

AI-Powered City Exploration Chatbot | [GitHub](#)

April 2025

- Built an AI chatbot that helps users discover places, routes, and local info inside a city.
- Implemented real-time responses for location details, nearby places, travel suggestions and user queries.
- Integrated APIs to fetch city information dynamically and improve accuracy.
- Designed a simple chat interface for smooth user interaction.
- Used Python and chatbot frameworks to build and deploy the system.

Car Reservation System | [GitHub](#)

December 2023

- Built a web-based platform for booking and managing car reservations.
- Added features like user registration, vehicle listing, booking form, and reservation tracking.
- Implemented responsive UI and basic backend logic for handling booking requests.
- Focused on clean design, usability, and smooth user flow.

CERTIFICATES

Language Principle & Finite Automata Theory | [Infosys](#)

August 2025

Privacy and Security in Online Social Media | [NPTEL](#)

May 2025

Introduction to Hardware and Operating Systems | [Coursera](#)

September 2024

Fundamentals of Network Communication | [Coursera](#)

September 2024

ACHIEVEMENTS

- Learned foundational concepts in cyber security & ethical hacking August 2025
- Completed a Community Development Project focused on spreading awareness through an NGO June-July 2025
- Developed and patented an automatic water-warming bottle that uses an integrated heating system to keep water at a consistent warm temperature. April 2025
- Earned Bronze Badge in Python on HackerRank for completing skill-based coding challenges.

EDUCATION

Lovely Professional University

Punjab, India

- Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.0**

August 2023-Present

Guru Gobind Singh Public School

Bokaro, Jharkhand

- Intermediate; **Percentage: 67**

April 2021 - March 2022

DAV Public School

Dhanbad, Jharkhand

- Matriculation; **Percentage: 63**

April 2019 - March 2020