Sachin Kumar Ansh

Linkedin: www.linkedin.com/in/sachin-kumar-ansh1122   Email: sachinkumaransh9934@gmail.com
Github: https://github.com/Sachinkumaransh844502   Mobile: +91-7061959816

SKILLS

- **Languages**:   C++, Java, C , Python
- **Frameworks**:   HTML and CSS
- **Tools/Platforms**:   MySQL, Wireshark, Nmap
- **OS:**   Linux.
- **Soft Skills**:   Problem-Solving Skills, Consistency, Critical Thinking, Decision Making

TRAINING

- **CipherSchools** (EdTech Platform) | July 2024 - August 2024
  - • Completed an in-depth training program on Data Structures and Algorithms (DSA) using C++.
  - • Gained proficiency in sorting, searching, recursion, linked lists, trees, and graph algorithms.
  - • Developed a Binary Search Tree (BST) project, implementing insertion, deletion, search, and traversal operations.
  - • Strengthened problem-solving skills by working on real-world DSA challenges and optimizing algorithmic efficiency.

PROJECTS

- **Keylogging (Spyware) Detection System**   October 2024 - November 2024

  Developed a security tool to detect and prevent keylogging malware by analyzing system processes and keystroke patterns.
  Implemented heuristic-based detection methods to identify suspicious logging behavior.
  Tech: Python, Windows API, C++

- **Password Strength Checker**   August 2024-September 2024

  Developed a security tool to evaluate password strength based on length, character diversity, and entropy. Implemented a scoring system to classify passwords as Weak, Moderate, or Strong.
  Integrated a user-friendly GUI using tkinter for real-time feedback and enhanced usability.
  Utilized Python's string manipulation and mathematical functions to analyze password complexity and entropy..
  Tech: Python, String Manipulation, Entropy Calculation

- **Binary Search Tree Implementation (DSA Project)**   June 2024 - July 2024

  Implemented a Binary Search Tree (BST) in C++ with operations such as insertion, deletion, searching, and in-order traversal.
  The project demonstrates fundamental data structure concepts and efficient searching techniques.
  Tech: C++, Data Structures and Algorithms

CERTIFICATES

- NPTEL Online Certification in Cloud Computing (IIT Kharagpur)   Jul-Oct 2024
- IBM Cybersecurity Analyst - by Coursera   Mar 27, 2024
- CompTIA Linux+ by Cybrary   Mar 18, 2024
- Mastering Data Structures & Algorithms using C and C++ by Dr. Abdul Bari (Udemy)   Feb. 1, 2024

ACHIEVEMENTS

- Solved 50+ problems on Leet Code – Good in Data Structures & Algorithms by solving real-world coding challenges.

- Served as Captain – Led a Football Team to victory in School tournaments.

- Built a professional network of 500+ LinkedIn followers

  Actively share insights on cybersecurity and AI, growing a LinkedIn network of 500+ connections

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.60***   *Since August 2022*

- **Sanyasi Senior Secondary School**   Kopa Samhota, Chhapra
  *Intermediate; **Percentage: 84.8%***   *April 2020 - March 2022*

- **Sanyasi High School**   Kopa Samhota, Chhapra
  *Matriculation; **Percentage: 73.8%***   *April 2018 - March 2020*