

# Bhishm Awasthi

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## Skills Summary

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- **Language** C++, Python
- **Tools:** VS code, PyCharm
- **Cyber Security:** Nmap, Wireshark
- **Database:** MySQL

## Internship

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**Web Data Structures training by Hitbullseye**

**January 2024**

Developed a solid understanding of data structure fundamentals and their applications, with expertise in utilizing arrays, linked lists, stacks, queues, trees, and graphs for software design. Proficient in analyzing time and space complexity, essential for crafting efficient algorithms.

## Projects

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### Smart Attendance System:

- **Purpose and Features:**
  - Recognizing the inefficiencies in manual attendance processes, I initiated this project to automate attendance management.
  - The system replaces paper-based registers, reduces administrative workload, and ensures precise attendance records.
- **Tech:** HTML, CSS, JavaScript, MongoDB

### Portfolio Website:

- **Purpose and Features:**
  - Students and instructors can access it via any device with a browser.
  - Showcasing the skills and projects related to front end web development.
- **Tech:** HTML, CSS, JavaScript

### Library Management System:

- **Purpose and Features:**
  - Recognizing the need for more efficient library operations, I undertook this project to automate key tasks in library management.
  - The system streamlines processes such as book cataloging, member registration, borrowing, and returns management.
- **Tech:** C++, DSA

## Achievements

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- **Volunteered at an event by GeeksforGeeks**
- **3 stars ranking on HackerRank**

## Certifications

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- Introduction Cybersecurity Essentials | IBM | Coursera | Nov'23
- C++ Course-Lesson Plan | Code Tantra | July '23
- Solving Competitive Problems Using Data Structures |HRDC ,LPU | July '23
- Algorithmic Toolbox | Coursera | Nov'22

## Education

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### Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.16

**Punjab, India**

Since August, 2021

### Sony Academy Sr. Sec. School

Intermediate

**Bharatpur, Rajasthan, India**