

# Aaruj Tripathi

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## SKILLS

- **Languages:** C++, Python
- **Tools/Platforms:** MySQL, Nmap, Wireshark
- **Soft Skills:** Team Player, Leadership, Adaptability
- **Operating Systems:** Linux, Windows

## PROJECTS

- **Multi-Function Calculator:** Nov '23 - Dec '23  
Developed a versatile calculator supporting basic arithmetic, trigonometric, logarithmic, and exponential functions.  
Designed a user-friendly interface to provide an efficient and convenient mathematical tool for diverse calculations.  
**Tech:** Python
- **Library Management System:** Jun '24 - Jul '24  
Developed a software application to automate and manage library operations, including book cataloging, loan tracking, and deleting books. It can cater to 1000s of users.  
It typically includes features for cataloguing 100s of books enabling librarians to efficiently organize collections, streamline borrowing and returning processes, and maintain member records.  
**Tech:** C++, DSA

## CERTIFICATES

- Mastering Data Structures & Algorithms using C and C++ Aug '23 – Sep '23
- Computer Architecture and Computer Organization Masterclass Oct '23 – Nov '23
- Responsible & Safe AI Systems, NPTEL Jul '24 – Oct '24
- Digital Forensics Essentials Jul '24 – Nov '24
- Ethical Hacking Essential Sep '24 – Nov '24

## ACHIEVEMENTS

- **Inter State Basketball Championship** '20  
Represented Rajasthan
- **Inter District Basketball Championship** '21  
Emerged as the winner and MVP of the tournament.
- **Inter School Debate competition** '21  
Won the competition
- **Smart India Hackathon** '23  
Participated and advanced to second phase.

## EDUCATION

- **Lovely Professional University** Punjab, India  
Bachelor of Technology; **CGPA: 6.30** Since August '22
- **Kendriya Vidyalaya Amritsar** Amritsar, Punjab  
Intermediate; **Percentage: 71%** April '20 - March '21
- **Army Public School Bikaner** Bikaner, Rajasthan  
Matriculation; **Percentage: 70%** April '18 - March '19