

# Shreya Shukla

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## SKILLS

**Languages:** C++, Java, C, Python, SQL, R

**Data Visualization:** Tableau

**Tools/Platforms:** MySQL

**Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## TRAINING

### Summer training on Data Structure and Algorithm using C++

Jul 2024

- Completed hands-on training, covering core DSA concepts including arrays, linked lists, stacks, queues, trees and sorting/searching algorithms.
- Built a Library Management System in C++ using DSA concepts for book tracking, issuing/returning, and search functionalities.
- Gained strong problem-solving skills and implemented real-time algorithms like Dijkstra's, Kruskal's, and KMP using C++.

## PROJECTS

### Library Management System | C++

Jul 2024

- Designed a simple library management system in C++ that helped librarians to manage books and keep track of issued books as well as to add new books, search for books, issue a book, and return a book.
- Enhanced skills by creating a scalable and secure online library management system for easy access to facilities and incorporated real-time data handling saving time of the students.

### Strategic Tourism Infrastructure Development | HTML, CSS, JavaScript, Bootstrap, Git

Dec 2023

- Led a complex construction initiative aimed at boosting global tourism by enhancing foreign travelers' awareness of top destinations.
- Curated a strategic framework to promote intercultural exchange and purposeful, informed exploration.

### Random Number Generator Game Module: | Python, OOPs

Nov 2023

- Designed and developed a mathematically robust game module in Python with advanced stochastic number generation.
- Ensured cryptographic-level randomness, algorithmic determinism, and high system resilience within defined parameters.

## CERTIFICATES

- |  |          |
|--|----------|
| Unsupervised Learning, Recommenders, Reinforcement Learning   Coursera | Apr 2025 |
| Data Analysis with Tableau   Coursera                                  | Dec 2024 |
| Data Structures and Algorithms   Board Infinity                        | Apr 2024 |
| ChatGPT for Beginners: Save time with Microsoft Excel   Coursera       | Apr 2024 |
| Programming in C++: A Hands-on Introduction   Coursera                 | Feb 2024 |
| The Bits and Bytes of Computer Networking   Coursera                   | Dec 2023 |

## ACHIEVEMENTS

- |   |          |
|---|----------|
| One among top 50 in Binary blitz Hackathon                  | Apr 2024 |
| Hosted Spectra 2022: Event Leadership and Execution         | Nov 2022 |
| PhD Induction 2022: Event Leadership and Execution          | Nov 2022 |
| Hosted Placement Day LPU                                    | Oct 2022 |
| TEDx Public Speaking Champion - Winner                      | Oct 2022 |
| Earth Hour Debate Finalist: Winner                          | Sep 2022 |
| Poetry, Unplugged Expressions by Pradyut Foundation- Winner | Sep 2022 |

## EDUCATION

### Lovely Professional University

Bachelor of Technology

Computer Science and Engineering; CGPA: 6.4

Punjab, India

Aug 22- Present

### Saint Joseph's School

Intermediate

PCM, Percentage: 71.4%

Kahalgaoon, Bihar

Apr 2020 - Mar 2022

### Saint Joseph's School

Higher Secondary

Percentage: 84.2%

Kahalgaoon, Bihar

Apr 2019 - Mar 2020