

# Jaivendra Singh

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## TRAINING

### Data Structure And Algorithm

June – July 2023

*Board Infinty*

- Completed comprehensive training in data structures and algorithms in C++ from Board Infinity, mastering fundamental concepts and advanced techniques.
- Acquired proficiency in implementing various data structures such as arrays, linked lists, trees, and graphs, along with their associated algorithms for efficient problem-solving.
- Demonstrated expertise in algorithm design and analysis, including time and space complexity analysis, enabling the development of optimized solutions to complex problems.
- Applied knowledge gained from training to solve real-world programming challenges, showcasing problem-solving skills and logical thinking abilities..

## PROJECTS

### Library Management System | C++ , Data Structures and Algorithm

July. 2023 - Sept. 2023

- Developed a comprehensive library management system utilizing various data structures in C++ to manage books, members, and transactions efficiently.
- Implemented core functionalities such as book cataloging, member registration, book issue/return, and fine calculation using linked lists, queues, and hash tables.
- Documented the entire system architecture and provided comprehensive user guides to facilitate ease of maintenance and future enhancements.
- Github Repository Link: <https://github.com/jaivend/Project-lms>

### Gym Website | HTML, CSS, Javascript, bootstrap

Jul. 2021 - Aug. 2021

- Designed and implemented a gym website featuring user-friendly navigation and responsive layout using HTML, CSS, and JavaScript.
- Developed custom features such as user registration, appointment scheduling, and workout tracking to optimize user engagement and satisfaction.
- Enhanced customer experience by creating a new landing page with improved aesthetics and intuitive interface elements, fostering increased website traffic and user retention.
- Github Repository Link: <https://github.com/jaivend/Project-gymwebsite>

## CERTIFICATIONS

### Web Design Developer

Nov 2023

*free code camp*

### Data structure and algorithm

Oct 2022

*Coursera*

### Sql For Data science

Jan 2022

*Great Learning*

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, HTML, CSS, SQL

**Frameworks:** ReactJs

**Developer Tools:** Git, Figma, PyCharm

**Skills:** Data Structures and Algorithms, Problem-Solving, Responsive Web Design

## EDUCATION

### Lovely Professional University

*Bachelor of Technology in Computer Science and Engineering - CGPA: 7.98*

Jalandhar, Punjab

*Aug. 2021 – May. 2025*

### All Saints School

*Class XII - 81.8%*

Agra, UP

*Apr. 2019 – Apr. 2020*

### Global Agra Convent School

*Class X - 89.4%*

Agra, UP

*Apr. 2017 – Apr. 2018*