

Aditya Raj

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SKILLS

- **Languages:** C++, JavaScript, C, PHP
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

TRAINING

- **Summer training on Data Structure and Algorithm using C++** July 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** July 2024
 - Designed a simple library management system in C++. This system allowed the librarian to manage books and keep track of issued books. The librarian was able to add new books, search for books, issue a book, and return a book.
 - **Purpose:** Enhanced skills by creating a scalable and secure online library management system for easy access to facilities, incorporating real-time data handling save time of the students.

Tech: C++
- **Hospital Website** Apr 2024
 - Designed and developed a comprehensive hospital website platform for online access with features like booking appointment, checking availability of doctors, secure payment processing, and all other facilities provided.
 - **Purpose:** Enhanced skills by creating a scalable and secure online platform of a hospital for easy access to facilities, incorporating real-time data handling save time of the patients.

Tech: MongoDB, Node.js, HTML, CSS, JavaScript
- **Blogging Website** Jan 2023
 - Developed an intuitive and responsive web-based blogging site website for e-rikshaw that allows users to book appointment, check for cost ,ask queries. Integrated features like search functionality, and price updates to enhance the user experience.
 - **Purpose:** Improved full-stack web development skills by building a user-friendly blogging site with real-time functionality and secure handling of user data.

Tech: HTML, CSS, Javascript

CERTIFICATES

- ChatGPT for Beginners: Save time with Microsoft Excel, Coursera Apr 2024
- HTML, CSS, and JavaScript for Web Developers, Coursera Apr 2024
- The Bits and Bytes of Computer Networking Dec 2023
- Mastering Data Structures and Algorithms Using C and C++, Udemey Dec 2023
- Programming in C++: A Hands-on Introduction Specialization Dec 2023

ACHIEVEMENTS

- **One among Dean's top 10 % students at University:**
For good academic performance and extra-curricular activities at University.
- **School topper in Intermediate:** Apr,2020
- **Got silver medal In Maths Olympiad** Jan,2020

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.24 Since August 2022
- **Happy Valley School** Bhagalpur, Bihar
Intermediate; Percentage: 94.4% April 2020 - March 2022
- **Saint Joseph's School** Kahalgaon, Bihar
Higher Secondary; Percentage: 96.6% April 2019 - March 2020