

# MUHAMMAD KAIF A R

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## SKILLS

- **Languages:** C++, JavaScript, C, PHP, HTML, Java
- **Frameworks:** Bootstrap, NodeJS, ReactJS, Laravel
- **Tools/Platforms:** MongoDB, VsCode, DevC++
- **Soft Skills:** Problem-Solving Skills, Project Management, Adaptability, Critical Thinking

## SUMMER TRAINING

- **Fundamental of Data Structure using C++** June 2024 – July 2024
  - *Summer Training by Lpu*
    - **About:** Studied Data Structures and Algorithms (DSA) theory and practical implementation, including sorting, searching, linked lists, stacks, queues, and array operations (insert, update, etc.). Learned time and space complexity analysis for optimized solutions. Daily classes and hands-on coding were conducted to explore new concepts. Implemented all DSA concepts in C++ using the **Dev C++** platform.
  - **Tech Stack Used:** C++, Dev C++

## PROJECTS

- **Note Taking - Social Application Using React JS:** November 2024  
Designed a React-based website for creating, managing, and organizing notes. Implemented reminder features to help users stay on track with tasks and deadlines. Developed a premium version with exclusive benefits to enhance functionality and user experience.  
Tech: HTML, CSS, JavaScript, PHP, ReactJS, Tailwind
- **Learn to Code: A Website for All Learners:** October 2024  
Developed an educational website using PHP, enabling students to register and enroll in courses. Implemented features for downloading study resources and materials. Added a chat functionality for students to connect with the admin for support and issue resolution.  
Tech: PHP, HTML, JavaScript
- **Dice Game** October 2023  
Developed a dice game in Python that generates a random number between 1 and 6 for users to guess. Integrated functionality to track the number of guesses and provide feedback on whether guesses are too high or too low. Designed the game to enhance user engagement with an interactive and logical guessing experience.  
Tech: Python
- **IR Sensor Working Model** November 2022  
Developed an IR sensor-based project to detect flames and infrared light, providing warnings for fire hazards as a functional working model. Collaborated with a team to design, test, and successfully implement the project.  
Tech: IR Sensor, Arduino.

## CERTIFICATES

- Cloud Computing (NPTEL) November 2024
- HTML, CSS, and JavaScript for Web Developers (Coursera) April 2024
- Programming in C++: A Hands-on Introduction (Coursera) December 2023
- Mastering Data Structures & Algorithms Using C and C++ (Udemy) November 2023

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 6.4* Since September 2022
- **National Higher Secondary School** Vattoli, Kerala  
*Intermediate; Percentage: 96.6%* June 2019 - March 2021
- **Sirajul Huda English Medium School** Kuttiadi, Kerala  
*Matriculation; Percentage: 91%* June 2007 - March 2019