# **Mukul Deshwal**

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#### SKILLS SUMMARY

• Languages: Java, C, C++, Python, R

Frameworks & Technologies: Apache Hadoop, Apache Hive, HTML, CSS
 Tools & Platforms: MySQL, Docker, Git, Tableau, MS Excel, RStudio

Soft Skills: Problem-Solving, Critical Thinking, Teamwork, Adaptability

#### **PROJECTS**

• CA Evaluator System

Jan - Feb 2023

- Developed a console-based software to manage Continuous Assessment scores for 100+ students.
- Implemented efficient file-based CRUD operations, doubling data access speed.
- Automated assessment tracking, reducing manual effort for faculty.
- **Tech used:** C(file handling, struct-based data management).

### Online Grocery Shopping Website

Nov - Jan 2023

- Designed a fully responsive grocery website with 5+ pages featuring Login, Signup, Products, Cart and Checkout.
- Implemented dynamic cart functionality using Javascript, enabling real-time updates for 20+ products.
- Demonstrated proficiency in front-end development with 100% client-side interactivity.
- Tech used: HTML, CSS, JavaScript.

Number Game
 Jun - July 2022

- Developed an interactive number guessing game with a customizable range and restart functionality.
- Provided real-time feedback on guesses(higher/lower) to enhance user engagement.
- Tracked user attempts and maintained a session-based scoreboard for performance monitoring.
- **Tech used:** Python(random module, loops, functions).

#### TRAINING

## Fundamentals of Data Structures using C++

Jun - Jul 2024

- From Lovely Professional University
  - Gained hands-on experience in asymptotic analysis (time & space complexity, Big-O).
  - · Worked with data structures like arrays, linked lists, stacks, queues, trees, and hash tables.
  - Implemented and optimized sorting (Merge Sort, Quick Sort) and searching algorithms (Binary Search, Linear Search).
  - Focused on writing efficient and scalable code for real-world applications.

#### **CERTIFICATES**

IBM DevOps and Software Engineering   Coursera	Nov 2024
Cloud Computing   NPTEL	Oct 2024
Java Programming Masterclass   Udemy	Aug 2024
Data Structure and Algorithms   IamNeo	Jul 2023
Object Oriented Programming   IamNeo	Jul 2023

## **ACHIEVEMENTS**

Secured Global Rank 1718489 on Leetcode:
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Among 15M+ users, demonstrating strong problem-solving skills and algorithmic proficiency

Mar 2025

• Secured Global Rank 1100 on Codechef:

Jan 2025

Ranked within the top 5% of 21k+ participants in Codechef Weekly Contest

Apr 2024

Participated in TechnOcian Web 3.0:

Contributed to brainstorming sessions and contributed modern development practices in a team-oriented setting

## **EDUCATION**

<b>Lovely Professional University</b>	Phagwara, Punjab
B.Tech - Computer Science and Engineering; CGPA: 8.10	Aug 2022–Present

RN International Public School
Intermediate; Percentage: 85%

Meerut, Uttar Pradesh
Apr 2018-Mar 2019

RN International Public School

Matriculation; Percentage: 95%

Meerut, Uttar Pradesh
Apr 2016-Mar 2017