

Rohan Singh

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SKILLS

- **Languages:** C++, Java, C
- **Tools/Platforms:** Eclipse IDE, Appium Inspector, Katalon Studio
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

TRAINING

Oops (LPU)

Jun' 09 – Jul' 09

Object-Oriented Programming (OOP) with C++

- Mastered **key OOP concepts** including **classes, objects, inheritance, polymorphism, encapsulation, and abstraction**.
- Completed **200+ hours of live classes** and solved **300+ coding problems**.
- Developed proficiency in designing and implementing **efficient, modular, and maintainable C++** programs using **OOP principles**.

PROJECTS

Contact Management System:

Technologies Used: C++, File Handling, Data Structures, Functions, Pointers

Description:

Developed a Contact Management System that allows users to store, search, edit, and delete contact details efficiently

Key Features:

- **Add Contacts:** Stores name, phone number, address, and email in a file.
- **Search Contacts:** Find contacts using name or phone number.
- **List All Contacts:** Displays all stored contacts with details.
- **Edit & Delete Contacts:** Modify or remove contacts dynamically.
- **File Handling & Pointers:** Uses file operations for persistent data storage and pointers for memory management.

Sudoku Solver | HTML, CSS, JavaScript

- Developed a **dynamic Sudoku-solving web app** using **JavaScript** and implemented a **backtracking algorithm** for real-time puzzle solving.
- Designed an **interactive 9x9 grid interface** with **HTML & CSS**, allowing user input and **automatic puzzle validation**.
- Strengthened **problem-solving skills** by optimizing recursive algorithms and testing across **multiple difficulty levels**.

CERTIFICATES

Web and Mobile Testing with Selenium	Dec' 24
Coursera	
Cloud Computing	Nov' 24
Swayam Nptel	
Programming in C++: A Hands-on Introduction	Nov' 23
Coursera	
Mastering Data Structures & Algorithms using C and C++	Feb' 23
Udemy	

EDUCATION

Lovely Professional University	Phagwara Punjab
Bachelor of Technology Computer Science and Engineering; CGPA: 6.51	Pursuing
Green Valley English School	Varanasi
Intermediate PCM; Percentage: 62%	Mar' 21 – May' 22
Green Valley English School	Varanasi
Matriculation Percentage: 72%	Mar' 19 – May' 20