

# Rahul Sharma

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## EDUCATION

### GURUKUL KANGRI UNIVERSITY

B.TECH IN COMPUTER SCIENCE

July 2024 | Haridwar, UK

SGPA: 8.2

### JUBILEE INTER COLLEGE

XII

May 2019 | Gorakhpur, UP

Percentage: 76

## LINKS

Github:// [Rahul Sharma](#)

LinkedIn:// [Rahul Sharma](#)

LeetCode:// [Rahul Sharma](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithm

Design and Analysis of Algorithm

Object Oriented Programming

Operating Systems

DBMS

Computer Networks

Linux

## SKILLS

### PROGRAMMING

#### 4.1.1 Experienced

• C • C++

#### 4.1.2 Intermediate

• CSS • HTML • JavaScript

• solidity • Blockchain • HardHat

#### 4.1.3 Familiar:

Machine Learning • Cloud Computing •

Android • java • python

## PROJECTS

### SUDOKU SOLVER Jan 2022 - May 2022

- This is a program which solves 9x9 Sudoku puzzles.
- Written completely in C++ and built wholly from scratch,
- this program reads input either from a user or from a file containing the Sudoku values and solves the puzzle.
- It employs concepts such as backtracking and recursion.

### METRO-SHORTEST-PATH | TO IMPLEMENT DSA KNOWLEDGE IN REAL LIFE PROBLEM SOLVING

April 2022 - Aug 2022

- This is a program which solves problem for calculating shortest distance.
- Written completely in C++ and built wholly from scratch.
- It employs concepts such as Dijkstra, BFS, DFS and basic graph Algorithms.

### TEXT ANALYSER | MINI PROJECT

Sep 2022 - Oct 2022

- This is the simple Application of JavaScript.
- Here we use some inbuilt functions of JavaScript Like toLowerCase, toUpperCase etc.
- Front end is written using HTML and CSS.

### ETHER SIMPLE STORAGE | BLOCK CHAIN PROJECT

Jan 2023 - Mar 2023

- Worked and Design along with the patrick collen a very famous blockchain developer.
- here we use Hardhat framework and ethersjs and use fake metamask accounts for deploying the contracts.
- currently working on this project for bringing it to more advanced level.
- alchemy is used as RPC URL Provider and we use alchemy dash board for keep track of application.

## ACHIEVEMENT

- Solving DSA problems since more than 220 days continuously and solved almost 400 problems including DP and Graph problems
- solved 500 plus problems on codeforces