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**
portfolio website://c**Rahul Sharma**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithm
Design and Analysis of Algorithm
Object Oriented Programming
Operating Systems
DBMS
Computer Networks
Linux

SKILLS

4.0.1 **Frontend**

• ReactJS • Javascript • HTML • CSS • BootStrap
4.0.2 **Backend**

• REST APIs • Postman • ExpressJS
4.0.3 **Database**

• MySQL • PostgreSQL • MongoDB
4.0.4 **Other Relevant Skill**

• C++ • Github • Chat GPT • Data Structure and algorithm

CERTIFICATIONS

MASTER IN DATA STRUCTURE AND ALGORITHM

UDEMY BY ABDUL BARI

Learnt from Basic to Advanced data structures and sorting and various algorithms in C and C++ language and solved quizes on each module and practice so many number of problems

PROJECTS

REACT ECOMMERCE WEBSITE Oct 2023 - Dec 2023
- A Complete web application for ecommerce with all functionalities
- for front end we have used reactJS library with Bootstrap components for styling
- for backend we have used expressJS framework and NodeJS and REST API and axios for fetching data from API
- for database we have used mongoDB
- this is a full fledged MERN stack website

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 ANALYISER | 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.

FILMIFY Aug 2023 - Sep 2023

- Created a ReactJS project with hooks, routers, and Tailwind CSS
- Integrated TMDB API for displaying popular, upcoming, and top movies
- Utilized React hooks and Tailwind CSS for smooth user experience and responsive design, dynamically updating content with TMDB API endpoints

ACHEIVMENT

- 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

WORK EXPIRIENCE

ASSISTANT TEACHER
- Instructed science subjects (9th to 12th grade) using engaging teaching methods and tailored lesson plans to meet individual student needs.
- Fostered a positive classroom environment, offering personalized guidance and maintaining accurate student records.