



# Manika Agarwal

Student. Problem solver. Learner

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Noida, India

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github.com/manika-6303

## EDUCATION

### Bachelor of Technology

Jaypee Institute of Information Technology

09/2020 - Present

Noida, India

Courses

- Computer Science

### Senior Secondary Education

Simpkins school

03/2018 - 03/2020

Agra, India

## ACHIEVEMENTS AND EXPERIENCES

### Coordinator

Knuth Programming Hub

10/2022 - Present

Achievements/Tasks

- Organizing programming contest and educate young professionals about competitive programming

### Scholarship Winner

Girlsript Foundation

The program was held to promote participation of women in open source

Achievements/Tasks

- Received a scholarship and a start to contribute to open source.

### Participant

Hacktober fest 2021

Achievements/Tasks

- Completed by committing more than 4 pull requests and keen learning about git and git commands

## SKILLS

C++

C

python3

HTML5

CSS3

Javascript

Data structures

Algorithms

## PROJECTS

### Character-recognition

- It is an application of character recognition through neural network.
- The image is first modified and it is applied to trained and tested model.
- Github Link: [https://github.com/manika-6303/cnn\\_project](https://github.com/manika-6303/cnn_project)

### A Route Finder

- It was a C++ code that finds best shortest route to visit different places in a city.
- It was particularly made using graphs and various other algorithm.
- It can also show places to travel in minimum time.
- Github link: <https://github.com/manika-6303/projects/tree/main/RouteFinder>

### Quick cabs

- It was a group project, a website made to book cabs.
- It has both the interfaces of admin and the customer.
- One can select the type of car and rent it to travel anywhere at minimum cost.
- Github link: <https://github.com/manika-6303/projects/tree/main/final>

### A Travel Agency

- The project was made using C/C++ and allows users to book tickets for their hotel and even their transportation at one place.
- They get assistant with multiple transportation option along with their pricing as well.
- Github link: <https://github.com/manika-6303/projects/tree/main/ttpro>

## CERTIFICATES

### Participation Certificate

Qualified SnackDown-2021 in round 1B

### Scholarship Badge

From Girlsript Foundation on winning the scholarship for GSSOC'21

Codeforces handle- manika\_6303

Codechef handle-mani\_

Leetcode- kaper\_63

Hackerrank-@agarwalmani6303

## INTERESTS

Competitive Programming

web development