

# Vikash Singh

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## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

July 2019 - May 2023 Expected  
 CGPA: 7.33/10 (Till 4th Semester)

### SHASTRI BN SR SS, SIKAR

SENIOR SECONDARY SCHOOL IN PCM STREAM

July 2016 - March 2018  
 81.20%

### ARUN PUBLIC SEC SCHOOL, ALWAR

SECONDARY SCHOOL  
 March 2016  
 95.33%

## LINKS

Github:// [v-s-codes](#)  
 LinkedIn:// [Vikash Singh](#)  
 CodeForces:// [covid01](#)  
 CodeChef:// [covid01](#)  
 LeetCode:// [v\\_s\\_codes](#)  
 HackerEarth:// [v\\_s\\_codes](#)

## SKILLS

Intermediate - Advanced:

• C++ • C

Beginner - Intermediate:

• JavaScript • Python

Beginner:

• CSS • HTML

Other skills:

• Android Studio • Java • Unity • C#

## COURSEWORK

Data Structures and Algorithms  
 Probability, Statistics and Stochastic process  
 Maths for Computing  
 Software Engineering  
 Pattern Recognition and Machine Learning

## LANGUAGES

• **Hindi** Native  
 • **English** Professional Working Proficiency

## PROJECTS

### SORTING VISUALIZER | Windows Application [↗](#)

July 2021 - July 2021

- Built a windows application using which process of sorting algorithms can be visualized
- The application is built using C++ language and graphics.h library is used to make bar graphs
- Selection sort, Bubble sort, Insertion sort, Merge sort, and Quick sort algorithms can be visualized using the application

### CALCULATOR | Web Application [↗](#)

May 2021 - Present

- Built an advanced calculator for arithmetic calculations, conversion of currencies and other quantities and making graphs, with responsive user interface
- The calculator is built using HTML, CSS and JavaScript
- The application is built from scratch, without using any frameworks or additional libraries

### BROWSER | Android Application [↗](#)

June 2021 - June 2021

- Built an android browser
- The application was built in Java language using Android Studio and Google is used as search engine

## ACHIEVEMENTS

### SPORT PROGRAMMING

- Global rank 018 in [HackerEarth July Circuits '21](#) [↗](#)
- Global rank 072 in [CodeChef July Cook-Off 2021 Division 2](#) [↗](#)
- Global rank 139 in [LeetCode Weekly Contest 252](#) [↗](#)
- Global rank 149 in [CodeForces Round #721 \(Div. 2\)](#) [↗](#)
- Global rank 433 in [AtCoder Regular Contest 118](#) [↗](#)
- Global rank 519 in [Google KickStart Round D 2021](#) [↗](#)

### ACADEMICS

- All India rank 1 in [Jee Main 2019, Mathematics](#) [↗](#)
- All India rank 502 in [Jee Main 2019](#) [↗](#) out of 13.5 lac students
- All India rank 2765 in [Jee Advanced 2019](#) [↗](#)
- Awarded by IIT Jodhpur for being in Top 20 JEE Advanced Rankers enrolled in 2019

## OTHER ACTIVITIES

### Sport Programming

- Actively participating in programming contests held at various platforms

### Dramatics Society

- Participated with IIT Jodhpur dramatics society in Cultural Meet 4.O, IIT Bombay

### IGNUS, IIT Jodhpur

- Worked as volunteer for informal activities in **IGNUS** -IIT Jodhpur's annual Cultural-Technical festival