

Vikash Singh

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

July 2019 - Present

CGPA: 7/10

SHASTRI BN SR SS, SIKAR

SENIOR SECONDARY SCHOOL IN PCM STREAM

July 2016 - March 2018

81.20%

ARUN PUBLIC SEC SCHOOL, ALWAR

SECONDARY SCHOOL

Till March 2016

95.33%

LINKS

CodeForces:// [v_s_codes](#) Expert

CodeChef:// [v_s_codes](#) 5 Star

LeetCode:// [v_s_codes](#) Guardian

AtCoder:// [v_s_codes](#)

HackerEarth:// [v_s_codes](#)

Github:// [v-s-codes](#)

LinkedIn:// [Vikash Singh](#)

SKILLS

Intermediate - Advanced:

• C++ • C • DSA

Beginner - Intermediate:

• JavaScript • SQL • CSS
• HTML • Django • Python

Beginner:

• Android Studio • Java

COURSEWORK

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Principles of Programming Languages
- Pattern Recognition and Machine Learning
- Computer Networks
- Operating Systems
- Database Systems

LANGUAGES

- **Hindi** Native
- **English** Professional Working Proficiency

INTERNSHIP

WECP | Problem Setter & Tester

January 2022 - March 2022

- Created new coding challenges
- Created Problems Based on Various Data Structures & Algorithms
- Testing existing coding challenges

SAMSUNG R & D INSTITUTE BANGALORE | Research Intern

May 2022 - Jul 2022

- Worked on Video Depth Estimation Project
- Created CNN Models for Depth Estimation
- Learnings: PyTorch, Transformers, Deep Learning

PROJECTS

CALCULATOR | Web Application

May 2021 - Present

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

ACHIEVEMENTS

SPORT PROGRAMMING

- ICPC Regionalist in **ICPC Asia Amritapuri Site '21** (Team Name: **Eldians**)
- Among Top **0.7%** LeetCode Users, All India Rank **140** Cumulative Ranking Till 1st August 2022
- Performance in Various **Google Coding Competitions**
- Global rank 018 in **HackerEarth July Circuits '22**
- Global rank 042 in **December Lunchtime 2021 Division 2**
- Global rank 139 in **LeetCode Weekly Contest 252**
- Global rank 215 in **AtCoder Beginner Contest 262**
- Global rank 1162 in **Meta Hacker Cup Round 2, 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**

ACTIVITIES AND PORS

Sport Programming

- Mentor at programming club IIT Jodhpur {**Present**}
- Problem setter at IIT Jodhpur's monthly coding contest {**Oct 2021- Mar 2022**}
- President at CodeChef IITJ Chapter {**Dec 2021- Jul 2022**}

Dramatics Society

- Secretary at Dramatics Society IIT Jodhpur {**Aug 2021- Jul 2022**}
- Participated in Street Play at Cult Meet 4.O, at IIT Bombay {**Dec 2019**}