

# Shivam Raj

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## EDUCATION

### UTTARAKHAND TECHNICAL UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

College Of Engineering Roorkee

July 2020 - Present

Current Percentage: 75.50%

### ASASVM ROORKEE

CBSE BOARD

12<sup>TH</sup>

May 2020

Percentage: 79.80%

10<sup>TH</sup>

May 2018

Percentage: 86.00%

## LINKS

LeetCode: [RajOfficial](#)

Codeforces: [RajOfficial](#)

CodeChef: [raj\\_official](#)

GitHub: [Raj-Official](#)

LinkedIn: [iamshivamraj](#)

YouTube: [The Code Show](#)

Twitter: [@thecode\\_show](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures

Design and Analysis Of Algorithms

Object Oriented Programming

R-DBMS

Operating System

Computer Networks

Software Engineering

## SKILLS

### LANGUAGE AND LIBRARY

C

C++ - STL

Python - Numpy, Pandas

Java

HTML, CSS

JavaScript - ReactJS

### TOOLS AND TECHNOLOGY

Visual Studio, Jupyter Notebook, Git,

GitHub, GitLab, Discord

### DATABASE

MySQL

## EXPERIENCE

### VIRTUAL LABS IIT ROORKEE

WEB DEVELOPMENT INTERN

July 2022 - August 2022

- Developed virtual simulator of arc welding experiment from scratch.
- Solved the issues related to UX that a user had to face while experiencing the simulator.
- Used languages are HTML, CSS and JavaScript Libraries.
- Updated my work on a daily basis on GitLab.

## PROJECTS

### TRAVEL DESTINATION RECOMMENDATION SYSTEM

MACHINE LEARNING | PYTHON | NUMPY | PANDAS

Oct 2022 - Mar 2023

Developed a travel destination recommendation WEB APP using pywebio. It can suggest the most suitable travel destinations related to your choice with an accuracy rate of almost 100%. Machine Learning is used to develop this project.

### STOCK PRICE ANALYSIS DASHBOARD USING ML

PYTHON

Jan 2023 - Present

It can analyze the database of the previous years' stock prices of various companies and represents the analysis by the means of a graph. It is a machine learning based project.

## ACHIEVEMENTS

2022 4<sup>th</sup> rank

Business Idea Representation in College

2021 Top 5

College Coding Hackathon

2018 8<sup>th</sup> rank in school

Science Olympiad

## CERTIFICATIONS

- DSA SUPREME from CodeHelp by Love Babbar.
- Python from Udemy.
- JAVA from Udemy.
- Introduction to IoT from NETACAD.
- Introduction to Cyber Security from NETACAD.

## OTHERS

- Event Coordinator in DISHA — The technical and guidance committee COER.  
- Organized MANTHAN Techfest 2022 in our college.
- Youtube video maker on tech enthusiasm.
- Hobbies - Playing music, chess and cricket.