

# Saurabh Kumar Singh

Roll No.:200001071

B.Tech - Computer Science and Engineering

Indian Institute Of Technology Indore

+91-8090073858

cse200001071@iiti.ac.in

sksusha8853@gmail.com

linkedin.com/in/saurabh-kumar-singh-b6a832203

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE Major	Indian Institute of Technology Indore	8.74 (Current)	2020-Present
Senior Secondary	Sunbeam Lahartara CBSE Board	97.2%	2020
Secondary	Jawahar Navodaya Vidyalaya CBSE Board	91%	2018

## PROJECTS

- **Hospital Management System** Sept. 2021 - Nov. 2021  
*Prof- Dr. Nagendra kumar* Github
  - Developed using HTML/CSS , php and MySQL
  - A web application which is used by Hospital to manage record of its patients, doctors, staff,emergency cases, inventory etc.
  - This is a team projects in which I have learnt to work in a team.
- **Insight** 2021  
*Google Solution Challenge* Github
  - Developed using Kotlin,Android studio and firebase.
  - This app was my idea.
  - We made this app to share one person non-usable resource to other person for which it is usable.
- **Lets Join The Meet** Dec-2021  
*Mini Project* Github
  - Developed using html/css, bootstrap and javascript
  - This is frontend web app with awesome design.
  - Due to corona waves our classes was online and to join different classes my batchmates have to search links in mails.
  - To help them I made this app where every links are available with time tables and study materials needed for class.
- **Student Helpers** Feb-2022  
*Mini Project* Github
  - Developed using HTML/CSS,Bootstrap and Javascript
  - College students needs proper resources to get good grade points.
  - I made this web app to provide every proper resources needed to get good grade points and some extra material for college clubs.
- **Sentimental Analysis** Sept-2021  
*Mini Project* Github
  - Developed using python-Flask,SentimentIntensityAnalyzer
  - This web app is used to detect polarity of paragraph.

## INTERNSHIP AND TRAINEE

- **Data Science** Feb 2021 - April 2021  
*SmartKnower* Certificate
  - \* Learnt different library of pythons and working of Tableau
  - \* In this I have learnt forecasting of corona cases from previous data available and image detection.

## POSITION OF RESPONSIBILITIES

- \***Member of Programming Club:** IIT INDORE    October-2021 - current
- \***Publicity team lead :** Euristica ( IIT INDORE Programming Fest)    Jan-2021 - current

## TECHNICAL SKILLS

- **Programming Language:** C/C++,JS,Python,PHP
- **Tools/Frameworks:** Python-Flask,Node.js,EJS,HTML/CSS,BootStrap,Mongoose,Rest API,Github
- **Databases:** MySQL,MongoDB
- **Library:** ReactJS,Jquery
- **Other Skills:** Competitive Programming,Data Structures,Algorithms,Problem Solving and Team Management

## KEY COURSES TAKEN

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- **Mathematics:** Linear Algebra, Basic Calculus & Probability
- **Computer Science Course:** Database Management System , Data Structures , Algorithm Design , Discrete Mathematics, Software Development
- **Full Stack Web Development:**

## ACHIEVEMENTS

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- **AIR-2769**, JEE Advanced *2020*
  - **AIR-2396**, JEE Main *2020*
  - **100 Percentile**, JEE Main-Physics *2020*
  - **100/100**, 12th Board - Physics *2020*
  - **Top 0.1 percent**, 12th Board - Computer Science *2020*
  - **Max rating 1864(Expert)**, Codeforces *sksusha8853*
  - **375+ days of consecutive problems solving on** , Codeforces *sksusha8853*
  - **1500+ problems solved on DSA and CP**, 1000+ on CF and rest on other sites *sksusha8853*
  - **Max rating 2133(5\*)**, Codechef *sksusha8853*
  - **Google 30 days of cloud**, Cloud Engineering and data science *Google*
  - **2 out of 2 times within top 10**, in Inter IIT CP Contest *2021, 2022*
  - **2 times within top 10** , In Codechef rated contest for Div2 *Sept-2021, Feb-2022*
  - **Top 10 in Codechef Div1**, In Codechef starters *March-2022*
  - **Secured 269 rank in Google Kick Start** , Round G *2021*
  - **First Rank in App Development** , IIT INDORE Freshers App Development *2020*
  - **Secured 134 rank in ICPC Asia** , Gwalior Pune Region Regional Contest *2020*
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