

# Sudhanshu Shekhar

+91 9352006775 | u21ce016@ced.svnit.ac.in | <https://www.linkedin.com/in/sudhanshu-shekhar-20aa4a21b>



## Personal Profile

A 2nd year undergraduate student in the Department of Civil Engineering with a **minor degree in computer science and engineering** at Sardar Vallabhbhai National Institute of Technology, SURAT (NIT, Surat).

## Education

### Sardar Vallabhbhai National Institute of Technology, Surat

Surat, India

B.Tech in Civil Engineering + **Minor degree in computer science and engineering**

Aug 2021 - present

- 8.98 CGPA (upto 2nd sem)

### Atomic Energy Central School, Kakrapar

Kakrapar(GU), India

Higher Secondary- 12th standard

Apr 2019 - Apr 2020

- 86%
- Specialised in Physics, Chemistry, and Maths with Computer Science

### Atomic Energy Central School, Kakrapar

Kakrapar(GU), India

High School- 10th standard

Apr 2017 - Apr 2018

- 91%

## Skills

<b>Programming</b>	Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), C/C++ , Data Structures and Algorithms, HTML/CSS, JavaScript.
<b>Competitive Programming</b>	Highest rating of 1592 on codechef with rank 157(global rank) in respective division in Feb long 2022 challenge
<b>Miscellaneous</b>	Git and github, Microsoft powerpoint and Excel.
<b>Soft Skills</b>	Time Management, Teamwork, Problem-solving, Leadership, Working under pressure, Adaptable and Agile.

## Work Experience

### Civil Engineering Society

Surat, India

Executive(Front end Web developer)

Oct2022 - present

- Collaborated with a four-person team to develop a website for the civil engineering society. I worked on the front end of the website and developed the major chunk of the website such as home page, events page, news page, contacts page and worked on the responsiveness of the website.
- Organising and managing member for one of the kaizen event(Department fest) known as treasure hunt.
- Presented an article on the application of machine learning in the field of civil engineering.
- Technical Skills:** Web development.
- Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

### ACM NIT Surat

Surat, India

Executive

Sept 2020 - Present

- Led a team of 4 members to organise and set questions for syntax error finding event for the freshers.
- Won a DSA based competition among 1st and 2nd year students.

### GDSC(google developer students club) NIT Surat

Surat, India

Junior Developer

Sept 2020 - Present

- Participated and cleared round 1 in the competition with a team of 4 members to build a website for the restaurants in Surat. Where I worked on the front end of the website to build the home page and special dish of the day page with discount page
- Participated with a team of 5 people in NIT Rourkela web dev Hackathon.

## Personal Projects

## Web Scraper

NIT Surat

Surat, India

Nov, 2022

- Made a web scraper using python and beautiful soup which is a python library.
- It extracts the relevant information from the source code of the website(HTML code).
- It extracts the contact detail from the website if available and also looks after the e-commerce prices.

## Result Portal

NIT Surat

Surat, India

May 2022

- The front end of the website for the result declared in the campus.
- Different login pages for the students and teachers.
- Teachers can enter their login credentials to enter the marks of the students and the students can see their result individually by logging in using their credentials.

## Interests

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### Machine Learning

The application of ML in medical and safety fields.

### Data Structures and Algorithms

Applying the famous algorithms in real world problems.

### Web Development

Interested in full stack web development.

### Video Games

The consumption and development of the video games.

### Structural Engineering and Environmental Engineering

Fields of civil engineering which I am interested in.