

# Rishabh Sahu

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## 👤 Profile

- Passionate Computer Science Student at The LNM Institute of Information Technology Jaipur .
- Can comfortably write computer programs in C++ ,Java and Python programming languages and write queries in Mysql .
- Worked on projects in web development , Natural language processing and Machine learning.
- Interested in jobs related to software development field.

## 📁 Projects

### Hostel Room Management System: Web application

Key Skills: Python ,Django ,HTML, CSS,Software design  
This project was aimed at making a hostel room management app for hostel administration and students of LNMIIT hostels It provides the facilities of managing the records of students residing in the hostel rooms, room change requests of students , and displays important stats related to hostels.

### Natural language processing on a Novel

Key Skills: Python ,Natural Language Processing,  
Performed NLP based analysis tasks on two ebooks which included text pre processing tasks ,finding frequency distribution per word length,POS tagging . Also lemmatization was performed to generate tf-idf vectors and analysis of cosine similarity with another ebook was done .

### IRIS Flower classification using Support Vector Machines Algorithm

Key Skills: Python, Data Science, Machine Learning  
Applied ML classification on IRIS flower dataset imported from UCI repository . SVM algorithm based ML classification model was created to classify a data point from sepal and petal lengths to deduce the species of that IRIS flower . Achieved 96 % accuracy on evaluation metrics.

## 🌐 Languages

- English
- Hindi

## 📜 Certifications

- Hackerrank Java Basic Certification [🔗](#)

## </> Co curricular activities

Competitive programming

## 🔑 Interests

Playing football, Playing badminton,  
Participated in Discernment International Summit M.U.N.  
2016-17 at Noida

## 🧠 Skills

|                                |           |
|--------------------------------|-----------|
| C++                            | ● ● ● ● ● |
| Java                           | ● ● ● ● ● |
| Python                         | ● ● ● ● ● |
| Mysql                          | ● ● ● ● ● |
| Data Structures and Algorithms |           |

## 🏆 Accomplishments

- Secured 96.8 percentile in JEE MAINS 2019
- Qualified Stage 1 of N.T.S.E. in Madhya Pradesh state
- Zonal Gold medalist in SOF National cyber Olympiad Madhya Pradesh zone class 9th

## 🎓 Education

**B tech Computer Science Engineering,**  
The LNM Institute of Information Technology  
2019 – present  
CGPA: 7.35 / 10.00

**High School Education,**  
G.V.N The Global School  
2017 – 2019  
Secured 87.2 percent in 12 th Board Exam

**Primary and Middle school education,**  
Campion School  
2005 – 2017  
Secured 10 CGPA in class 10 th