



# Sourav Kumar Nayak

Python and ML enthusiast

I am an enthusiastic developer and learner who aims to obtain a challenging position in a quality-oriented engineering environment, where my resourceful experience, knowledge and academic skills will add value to organizational operations.

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github.com/Sourav-36

## EDUCATION

### Bachelor of Technology

Motilal Nehru National Institute of Technology

07/2017 – Present

7.42

Courses

- Information Technology

### Class XII(CBSE)

DAV Public School, Chandrasekharpur,  
Bhubaneswar, Odisha

05/2015 – 05/2016

90.4%

## PERSONAL PROJECTS

### Flower category prediction (06/2019)

- Uses a list of collected data and passes a test data of characteristics of flower to figure out the flower's category using different models. The accuracy came out to be of an average of 90-100%
- Project link:- <https://github.com/Sourav-36/Flowertype-prediction>
- Technologies:- Python and Machine Learning

### Motion and object Detector using webcam (06/2019)

- A program to detect moving objects, faces while streaming video via webcam
- Project Link:- [https://github.com/Sourav-36/Motion\\_Detector](https://github.com/Sourav-36/Motion_Detector)
- Technologies:- Python, computer vision, image detection

### Jarvis (07/2019)

- A chat-bot application where we can perform multiple work by using voice input of the user and responded by voice output, basically a chatbot.
- Project Link:- <https://github.com/Sourav-36/Jarvis>
- Technologies:- Python

## SKILLS

### Platforms

IDLE Python, Jupyter Notebook, Dev C/C++,  
VSCode

## AREAS OF INTEREST

Python

Machine Learning

Image processing

Data structures

Computer vision

## ACHIEVEMENTS

### NTSE & STSE Qualifier (12/2014)

NTSE is a National Level Examination that offers scholarships to talented students who qualifies the examination.

### Bronze Medalist in International Mathematics Olympiad (07/2015)

IMO is the competition organised by Science Olympiad Foundation for the students of primary to high schools

### JEE Mains 2017 Rank-5695 CRL(2017)

### Won 3rd position in Story writing & Story telling competition in Eloquence-2018 (04/2019)

Eloquence is a literary fest organised by the Literary club of MNNIT Allahabad, which organised a series of literary events

### Won 1st position in event Hasyamanch in Culrav-2019 (04/2019)

Hasyamanch is an event organised by the Dramatics club of MNNIT as Rangmanch under the cultural fest Culrav at MNNIT Allahabad

### Published Co-Author in the English Anthology titled- Rising Echoes (03/2019)

Rising Echoes is an English Anthology book consisting the poetic work several budding poets, published by The Poets Weed society all over India

## LANGUAGES

Python ● ● ○ ○ ○

C ● ● ○ ○ ○

C++ ● ● ○ ○ ○

Java ● ○ ○ ○ ○

## INTERESTS

Singing

Quizzing

Writing

Acting

Solving puzzles