

# Ishika Bhaumik



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🐙 <https://github.com/ishikabhaumik>

## EDUCATION

**Bachelor of Technology in Computer Science,**  
*Kalinga Institute of Industrial Technology, Bhubaneswar*

2018 – 2022

CGPA - 9.11

## PROFESSIONAL EXPERIENCE

### Intern at Novartis

01/2022 – present

Working with the data science team for handling large quality supply chain data and analyzing it for useful insights. Automation business processes using **Selenium and Python**.

### Intern at High Radius, 8 months

06/2021 – 01/2022

Automation of data tasks using python and SQL and validation of data.

## RESEARCH WORK

### Understanding evolution of COVID-19 driven mortality rate

09/2020 – 12/2021

Supervisor-

- Dr. Abhishek Srivastava (Prof. at India Institute of Technology, Indore)
- Dr. Suman Sinha Ray (Researcher at NASA Glenn Research center, USA)

## SKILLS

**Technical Tools** (Python, C/C++, SQL, Data Structures, Competitive Programming Frameworks- Keras, Packages- Scikit-Learn, Numpy, Pandas, Matplotlib, Seaborn, Plotly, open-CV)

**Machine Learning** (Predictive modeling, Clustering and classification, ML algorithms, Image processing, Computer Vision, Deep learning)

**Data Science** (Data manipulation and visualization, Handling Large data)

## PERSONAL PROJECTS

### Python Based Chatbot and Personal Assistant

- Python based personal assistant with multiple functionalities.
- Can comprehend both typed as well as speech command
- Trained on a text data using simple NLP to make it capable enough to chat with the user and render appropriate replies.
- Automatically opens youtube ,google and extract information from wikipedia and many more functionalities on just simple speech commands.

### Image to text

- An OCR based project implemented in python.
- It takes an image as input and extracts the text from it .
- It can automatically return top three urls related to the text from google.

### Driver Drowsiness Detection

- An open-CV based project to detect drowsiness of a driver from video footage
- The implementation is completely in python.

## INTERESTS

Competitive Programming | Singing

Writing Blogs

## LANGUAGES

English | Hindi | Bengali