# Ishika Bhaumik



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⚑ https://www.codechef.com/users/ishika26

○ https://github.com/ishikabhaumik

## EDUCATION

**Bachelor of Technology in Computer Science,**
*Kalinga Institute of Industrial Technology, Bhubaneswar*
2018 – 2022
CGPA - 9.10

## PROFESSIONAL EXPERIENCE

**Intern at High Radius,** *2 months*
01/2021 – 03/2021
Had to built an AI-Enabled FinTech B2B Invoice Management Application
- Responsible for developing a full stack end to end project.
- Worked on real time invoice data-set.
- Applied Machine Learning techniques to the data-set and developed an interactive UI using React js for the same.

## RESEARCH WORK

**Understanding evolution of COVID-19 driven mortality rate**
09/2020 – present
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 assitant with multiple functionalities.
- Can comprehand 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