

# ANKIT SINGH

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## EDUCATION

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**International Institute of Information Technology, Naya Raipur**

2020 - 2024

Data Science and Artificial Intelligence

**CGPA: 8.27 of 10.00 till 5th Semester**

**Delhi Public School, Bhilai**

2005 - 2019

Higher Secondary Certificate and Secondary School Certificate

Risali Sector, Bhilai, Chhattisgarh

**CBSE Board Score Class 12(2019) : 91.8%**

## SKILLS

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- **Languages:** Python, C/C++, HTML, SQL
- **Technical Skills:** Data Analysis, Machine Learning, Data Structures, OOP
- **Frameworks/Libraries:** Pandas, Numpy, Plotly, Scikit-learn, OpenCV, Streamlit, Flask, TensorFlow, Keras
- **Tools/Technologies:** Linux, Jupyter Notebook, Google Colab, Git, PostgreSQL, MySQL, Power Bi, Tableau

## EXPERIENCE

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- Mentee at **Microsoft Intern Engage Program, 2022** May 2022 - June 2022
  - Built a **Data Analysis App** for automotive industry.
  - Used **Streamlit** as frontend and **k-means clustering** algorithm at backend of the program.
  - Used **Jupyter Notebook** for Data Cleaning and Pre-Processing and **Plotly** library for visualizing data.

## PROJECTS

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### Masked Face Recognition

- Created own dataset which contains images with variations in pose, illumination, resolution, and the variety of masks worn by the subjects.
- Benchmarked the performance of existing face recognition models like **FaceNet** and **GoogLeNet** on the dataset.

### Video Games Sales Analysis

- A detailed analysis for predicting video games' sales in different regions across the globe using **Linear Regression** and other **Regression Analysis** techniques.
- The objective is to help different video game companies to better understand their market and customers and make it easier for them to modify their products according to the specific needs and concerns of customers.

### Data Analysis App for Automotive Industry

- Developed an application to demonstrate how the Automotive Industry could harness data to take informed decisions.
  - Demonstrated the use of data analysis in identifying and visualizing most popular car specification combinations (cost, engine type, fuel, mileage, etc).
  - **Segmentation** of cars into different clusters based on these combinations.

## ACHIEVEMENTS AND CERTIFICATIONS

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- Microsoft Engage 2022
  - Selected and placed among top 3000 students out of over 100,000 applicants.
- Earned a Certificate of Proficiency in Code Foundation for ROS issued by The Construct.