



# ANKIT SINGH

+91 8319751315    ank862001@gmail.com  
linkedin.com/in/ankit0806    ankit0806.github.io  
github.com/ankit0806

## Education

### IIT Naya Raipur

B.Tech in Data Science and Artificial Intelligence

8.42/10

Dec. 2020 – June 2024

### Delhi Public School, Bhilai

CBSE - Class-XII

91.8%/100

May. 2005 – May 2019

## Experience

### Mentee

May 2022 – July 2022

Microsoft

- Built a **Data Analysis App** for automotive industry to demonstrate how the automotive Industry could harness data to take informed decisions.
- Used Streamlit as frontend and k-means clustering algorithm at backend of the program.
- 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.

## Projects

### Masked Face Recognition | Python, Tensorflow, Keras

October 2022 – December 2022

- Created a dataset which contains images with variations in pose, illumination, resolution, and the variety of masks worn by the subjects.
- Created a Multi Output ANN model for classification of images.

### Fraud Detection Analysis | Python, Jupyter Notebook, SQL

February 2023 – March 2023

- Analysis aims to prevent financial losses and protect businesses and customers from fraud.
- Application of SQL and Python to analyze historical credit card transactions and consumption patterns in order to identify possible fraudulent transactions.
- Accomplished three main tasks:
  - \* Data Modeling: Define a database model to store the credit card transactions data and create a new PostgreSQL database.
  - \* Data Engineering: Create a database schema on PostgreSQL and populate the database from given CSV files.
  - \* Data Analysis: Analyze the data to identify possible fraudulent transactions.

### Healthy.ai | Python, Flask, Sklearn, Tensorflow

April 2023 – May 2023

- Allows users to check their chance of having one of the following diseases: Liver Disease, Pneumonia, Kidney Failure, Diabetes, Stroke, Heart Disease.
- Each Disease has it's own page with an overview and symptoms that patient may have, and also the prediction model information and required parameters that user must provide.

## Technical Skills

**Languages:** Python, C/C++, SQL (Postgres), HTML

**Frameworks/Libraries:** Flask, Streamlit, Scikit-learn, Pandas, NumPy, Matplotlib

**Developer Tools:** Linux, Git, VS Code, Visual Studio, PyCharm, IntelliJ, Jupyter Notebook

## Soft Skills

Communication, Critical Thinking, Leadership, Problem Solving, Team Work

## Achievements

- Selected for **Microsoft Intern Engage 2022**
- Selected for **Amazon Summer School 2023**