Siddhant Aggarwal

Date of birth: 25/12/2001 | **Nationality:** Indian | **Phone number:** (+91) 8920350870 (Mobile) |

Email address: siddhantaggarwal2001@gmail.com |

Address: 104, HIG, Brij Vihar, P.O. Chnder Nagar, 201011, Ghaziabad, India (Home)

WORK EXPERIENCE

10/01/2024 – 09/06/2024 New Delhi, India
DATA ANALYST INTERN CENTRE FOR RAILWAY INFORMATION SYSTEMS (CRIS)

- Developed dashboards identifying bottlenecks in maintenance operations
- Data Collection using SQL
- Data Visualization and Data Analysis using Python

EDUCATION AND TRAINING

01/09/2020 – 18/06/2024 Patiala, India
BACHELOR OF ENGINEERING (COMPUTER ENGINEERING) Thapar Institute of Engineering and Technology, Final Grade: 7.47/10 CGPA

Website https://www.thapar.edu/ | **Level in EQF** EQF level 6

01/04/2018 – 13/07/2020 Ghaziabad, India
ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION (HSC) Bal Bharati Public School, Final Grade: 95.2%

Level in EQF EQF level 3

01/04/2017 – 31/03/2018 Ghaziabad, India
ALL INDIA SECONDARY SCHOOL CERTIFICATE EXAMINATION (SSC) Bal Bharati Public School, Final Grade: 94.2%

Level in EQF EQF level 2

LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	B2	B2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

04/2023 – 11/2023
Smart Vision Glasses: Empowering the Visually Impaired

Academic Group Project
Practical experience in machine learning, Python, NLP, Web APIs, Git, Raspberry Pi, ultrasonic sensors, and teamwork; Developed face recognition and object detection modules using a custom dataset; Successfully developed a working prototype of smart vision glasses; Integration of hardware with software.

01/2023 – 03/2023
Face Recognition

Personal Project
Gained knowledge in computer vision, Python, OpenCV and image processing; Developed a face recognition module independently; Created a working face recognition system with high accuracy

09/2022 – 12/2022
TOPSIS Package (Multi-Criteria Decision-Making Method)

Academic Solo Project
Practical application of distance methods and Python libraries like pandas, math, and numpy; Developed the entire package independently; Successfully created a TOPSIS package; Complex logic implementation.

Link https://github.com/Siddhant2512/102003299-siddhant-topsis

02/2022 – 05/2022
Movie Recommendation System

Academic Solo Project
Hands-on practice with Python and Streamlit; first exposure to machine learning; Developed the entire system independently. Created an interactive movie recommendation system;

DIGITAL SKILLS

programming: Python, MATLAB and SQL | C++ | Machine Lerarning | Data Analysis, Data Science, Data Visualization | Python, Scikit-Learn, Numpy, Matplotlib

MANAGEMENT AND LEADERSHIP SKILLS

Leader of the Capstone Project group; ensured even workload distribution and maintained harmony.

Group Representative during the 2nd semester ofmy Bachelors.

Write here the description…

Member of the Discipline Committee of the hostel during my Bachelors.

Vice President of the Disaster Management Club during HSC.

VOLUNTEERING

Volunteering during summer breaks to cause social impact. Associated with NGOs like 'GOONJ', 'Water Aid', etc

Donate blood annually.

HOBBIES AND INTERESTS

Playing Guitar

Playing Badminton and Table Tennis

Reading Fiction