

KUSH GADODIA

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Civil Engineering IIT (BHU), Varanasi	8.46	2026
ISC (XII)	NES, Rajgangpur	96.60	2022
ICSE (X)	NES, Rajgangpur	94.00	2020

SKILLS

- Languages:** C++, Javascript, Python
- Areas of Interest:** Data Structures and Algorithms, Competitive Programming, Full Stack Web Development, Machine Learning

PROJECTS

File Transfer Application| MERN Application

- Developed a website to generate sharable links for uploaded files, allowing easy sharing and access.
- Implemented a custom-built API hosted separately for the backend services.
- Tech Stack & Exposure:** Express.js, MongoDB, Node.js, React, Mongoose

Obesity Level Prediction

- Performed extensive **Data Pre-processing** and conducted **Data Cleaning** on the given dataset.
- Developed a model using **XGBoost** for multiclass classification, effectively distinguishing between various obesity levels, achieving an **F1 score of 90%**.
- Exposure :** Exploratory Data Analysis, Various Classification Techniques, Python.

RouteMaster

- Reduced delivery costs by implementing **Dijkstra's algorithm** for planning of optimal route.
- Utilized **Kruskal's algorithm** to design warehouse locations based on minimum spanning tree principles, enhancing logistical effectiveness and cost savings.
- Exposure:** Data Structures and Algorithms, Priority Queue, Kruskal and Dijkstra algorithm.

POSITION OF RESPONSIBILITY

Nodal Induction Mentor | Student Counselling Services (SCS)

August 2023 - May 2024

- Mentored over **15+** new entrants, providing essential support and guidance during their induction period.
- As a **Nodal Induction Mentor**, managed and assisted **20+** induction mentors, ensuring effective communication and problem resolution.
- Facilitated a smooth induction experience by addressing queries and coordinating efforts across the mentorship team.

Coordinator | Student Counselling Services (SCS)

January 2024 - April 2024

- Mentored **15** new SCS members, providing guidance on **poster design** and **content creation**.
- Fostered a collaborative and innovative environment, encouraging creativity among team members.

HONOURS AND ACHIEVEMENTS

Ratings

- Specialist on Codeforces** | Max Rating **1456** | [Profile Link](#)
- 3 star on Codechef** | Max Rating **1783** | [Profile Link](#)

Competitive Programming Contests

- Global Rank 570** in **CodeChef Starters 129 (Div 2)** among **32k+** participants.
- Global Rank 38** in **CodeChef Starters 139 (Div 2)** among **26k+** participants.
- Global Rank 2410** in **EPIC Institute of Technology Round Summer 2024 (Div. 1 + Div. 2)** among **23k+** participants.

Academic Achievements

- AIR 8734** in **JEE Advanced 2022** among **100k+** students

EXTRA-CURRICULAR ACTIVITIES

Statistica | BASH 5.0

- Participated in **Statistica**, a **Data Analytics** competition by **The Business Club IIT(BHU)**, showcasing strong analytical skills.