

Gaurav Kumar

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EDUCATION

Bachelor of Technology in Mathematics and Computing

CGPA:7.86*

Rajiv Gandhi Institute of Petroleum Technology ,Raebareli,UP

2021 - 2025

- **Technical Courses:** Data Structures and Algorithm, Database Management, Web Technology, Computer Organization and Architecture

Senior Secondary (ClassXII)

82.4%

Nalanda Sodh Sansthan, Nalanda, Bihar

2018 - 2020

- **Science Courses:** Mathematics, Physics, Chemistry

Secondary (Class X)

76.2%

High School Khajurar,Barh Patna

2017-2018

ALGORITHMIC PROGRAMMING ACHIEVEMENTS

- Codechef: Maximum Rating - **1579 (2*)** [Profile](#)
- Codeforces: Maximum Rating - **1063 (newbie)** [Profile](#)
- Achieved **502** rank in codechef DIV 3
- Leetcode: Maximum Rating-**1404 (150+ Problems)** [Profile](#)
- Geeksforgeeks: (**50+** Problems) [Profile](#)
- solved **600+** Problems on Leetcode, Codechef, Codeforces and Geeksforgeeks
- Participated in ACM ICPC preliminary online contest in Mathura-Kanpur site(March 2023).

TECHNICAL PROJECTS

Online portal for milk delivery- HTML,CSS,Javascript,Bootstrap, PHP, MySQL,Twilio, Apache [GitHub](#)

Customer can book milk according to their preferred location from portal . Delivery team will select the response according to their location.

Delivery Management System - Javascript- geolib library | MLH GLOBAL HACK WEEK-March 2023 [GitHub](#)

Provides the shortest routes for delivery agent taking orders from all the shops to the customer by find the shortest path to deliver hence reducing cost and time

Tweets Sentiment Analyser -Python-Pandas,Naive Bayes,Sklearn,countervectorizer | MLH GLOBAL HACK WEEK [GitHub](#)

Created a machine learning model to predict the sentiment expressed in a given tweet as positive, negative or neutral. The model will also compare the accuracy between **LinearSVC** and **MultinomialNB**.

Cultural Heritage Restoration- ongoing [GitHub](#)

Created AI systems for restoring and reconstructing damaged cultural artifacts, paintings, or historical sites using **CNNs, 3D Modelling, NLP, Image Processing and computer vision**

Achievements

2021 **Qualified IIT- JEE Advanced , ranking in top 2%,**

2021 **Mathematics content creator, [link](#)**

SKILLS

Technical: C++, C, Python, HTML, CSS, Java script, Data Structure, Algorithm, Software Development, AI/ML, Git, Github,AWS, MYSQL

Non-Technical: Teamwork, Leadership,Problem Solving, Content Creation, Solving Puzzles,Chess