

ANKIT KUMAR SINGH

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Education

Indian Institute of Technology Dhanbad

Integrated Master of Technology in Mathematics and Computing

British English School

12th

PVSS DAV Public School

10th

December 2020 – May 2025

CGPA: 7.65/10

2017 – 2019

Percentage : 78.6

2016 – 2017

CGPA : 10/10

Skills Summary

Languages:

C, C++, Javascript, Python

Libraries/Frameworks:

Scikit Learn, Pandas, Numpy, Matplotlib

Tools:

Git, Github

Databases:

MySQL

Relevant Courses:

Computer Graphics, GPU Computing

Internship-Architect Solutions

Invoice Extractor | *JavaScript*

[Source Code](#)

- Designed a system that reads a batch of files and converts the data in tabular format.
- Here the data that is present in the files may not be aligned, proper alignment of data is being performed here before converting them to csv file.
- This system also saves time by parsing the string directly from the zip file and without extracting them

Projects

Movie Recommendation System | *Python, StreamLit, Pickle*

[Source Code](#)

- * Build a content based movie recommender system that makes personalized recommendations to users based on the properties of a selected movie.
- * This system analyzes the attributes and features of the selected movie and recommends movies that have the similarity level highest among others.
- * This system uses cosine similarity algorithms to find the similarity level between two movies.
- * Skills used - Python, Streamlit, Data Preprocessing, Git/Github.

Connecting Cities | *HTML, Java Script, CSS*

[Source Code](#)

- * An interactive project where the user can find the shortest distance between two cities(blocks)
- * This system uses the dijkstra algorithm to find the desired route.
- * Here the cities are represented as nodes and the distance between them as weighted edges.
- * Skills Used - HTML, CSS, Java Script, Git/Github

Competitive Programming

- * Codeforces : [ankiit_k](#) (Max Rating - 1511) - 1000+ problems solved
- * Leetcode : [ankiit_k](#) (Max Rating - 1888) - 700+ problems solved
- * HackerRank : [ankiit_k](#) (5 star) - 150+ problems solved
- * Atcoder : [ankiit_k](#) (7-KYU) - 100+ problems solved

Achievements

- * Secured All India Rank 3768 in JEE Advanced among 250,000 candidates.
- * Achieved 99.54 percentile in JEE Mains among 900,000 candidates.
- * Qualified GATE-CSE 2023.
- * Completed Google Hashcode Round1'22.
- * Secured Global Rank 1287 among 40,000+ in Codeforces Round 894.
- * Among top 4 percent in LeetCode World wide

Position Of Responsibility

- * Organising Team Member of Conetto'22, The annual Techno-Management Fest of IIT (ISM) Dhanbad.
- * Organising Team Member of Hackfest'22.
- * Hostel Technical Committee Member of Amber Hostel, IIT (ISM) Dhanbad.
- * Member of SIAM (Society of Industrial and Applied Mathematics) Student Chapter, IIT(ISM) Dhanbad.

Extracurriculars

- * Active member of CodeIsM, The Coding Society of IIT (ISM) Dhanbad.
- * A Key member of Fast Forward India(FFI).