Ankit Kumar Singh (Portfolio Website)

B.Tech – Electronics & communication Engineering - IIT(ISM), Dhanbad

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Education

Indian Institute of Technology (ISM), Dhanbad — *Bachelor of Technology in Electronics and communication Engineering*
NOV 2021- MAY 2025   **CGPA – 8.06**

Nalanda Academy ,anantpura, kota
12th - APRIL 2019- APRIL 2020 - **94%**

Fiitjee world school, Dilsukhnagar,Hyderabad
10th - APRIL 2017- APRIL 2018 - **9.8 CGPA**

Experience

MyAnalytics School (Launching of advanced individual courses for upskilling)   June 2024– August 2024

- Conducted **SWOTanalysis** and **market research** to identify opportunities and competitive landscape, leading to a data-driven market entry strategy by calculating the **Serviceable Available Market (SAM)**.
- Developed a comprehensive course **marketplace plan**, including website design, curriculum (Python, SQL, Quant), pricing, and **customer acquisition** using Graphy LMS.
- Implemented a launch **strategy targeting** top 10 IITs through **strategic partnerships**, awareness sessions, and on-ground marketing.
- Impact: Achieved **5% business growth** in three months and doubled college reach through strategic initiatives.

Projects

1. **IMDBMovieSentiment Analysis using SVM and Logistic Regression**
- Analyzed 50K IMDB movie reviews using **sentiment analysis**, evenly divided between positive and negative sentiments.
- Boosted Model performance by doing vectorization, removing stop words, stemming, lemmatization and n-grams in data cleaning and text preprocessing steps.
- Achieved over 90% accuracy by implementing and comparing Logistic Regression and Linear SVC models with TF-IDF and word count features.

2. **Data Analysis on Employee Data using Tableau-SQL integration**
- Analyzed employee data using MySQL Workbench and created an interactive Tableau dashboard for KPI insights, including salary, employee counts, gender ratio, and span of control
- Insight: From 1990 to 2002 percentage of female employees remained almost same.

Skills

- Technical Skills: c++, oops, Computer Networks,python,PowerBI, SQL, Machine Learning
- Soft Skills: Public Speaking, Team Management, Adaptability, Excel, PowerPoint, Canva

Achievements

- Achieved **rank4257** in the top 0.1 percent of candidates in JEE Advance 2021, showcasing exceptional academics.
- Achieved **rank 5298** in the top 0.5 percent of candidates in JEE Mains 2021, showcasing exceptional academics.
- NTSE Qualification (2018), demonstrating exceptional problem-solving and analytical skills.
- Secured 2nd position in spotify PM Competition in concetto-23 for product optimisation and risk assesment.

Social Engagement

- **Elected as Senator twice** in the **Student Gymkhana**, effectively representing student interests and contributing to decision-making on key institutional matters.
- Organiser in Basant 24 (Sponsership team), Hackfest team 24 (operation & logistic), Concetto 24 (PR Team).

Position of Responsibility

- **General Secretary Hostel and Mess affairs 2024-25**
- Promotion and Marketing Head Concetto'25(Technical fest of IIT(ISM)).
- SG Advisor in Srijan'25 (Cultural Fest of IIT(ISM))
- Overall Advisor of Parakram'25 (Sports Fest of IIT(ISM)).