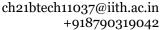


BANOTHU JAWAHAR LAL

B.Tech Chemical Engineering







| Degree | University/Institute | Year | CGPA/Marks(%) |
|---|-------------------------------------|------|---------------|
| B.Tech Chemical Engineering | IIT Hyderabad | 2025 | 8.00 |
| XII (Telangana State Board of Intermediate Education) | TTWR(Boys), Balanagar, mahabubnagar | 2020 | 97.00% |
| X (Telangana State Board of Secondary Education) | Siddhartha Model High School | 2018 | 9.00 |

SCHOLASTIC ACHIEVEMENTS

Secured All India Category (ST) rank 670 in JEE Advanced 2021.

Secured All India Category (ST) rank 324 in JEE Mains 2021

WORK EXPERIENCE / INTERNSHIP

Uptricks Services Pvt. Ltd:

14' May - 14' July

(ML Intern)

- Utilized Google Colab & Anaconda platform proficiently to learn and successfully complete diverse ML Models.
- Collaborated with a team of 4+ people on the development and implementation of machine Learning Models.
- Mastered data visualization techniques and expertly crafted prediction models, like Insurance Premium Prediction, through extensive learning and practical applications, showcasing proficiency from hands-on-experience.
- Conducted an Exploratory Data Analysis on the provided Dataset and produced findings and visualizations.

SKILLS

Programming Languages:

- **Proficient in:** C, C++, Python, SQL
- Familiar with: Matlab, Fortran, HTML, CSS

Library:

• NumPy, Pandas, Matplotlib, Seaborn, SkLearn, TensorFlow, keras.

Tools:

Visual Studio Code, Jupyter, Google colab, Solid Edge, Power Point, MS Excel and PowerBI.

Soft Skills:

Teamwork, Dedication, Hardwork, Leadership, Adaptability

Sales Analysis Dashboard:

- Designed an interactive dashboard to track and visualize key sales metrics.
- Analyzed sales performance trends across regions, products, and time periods.
- Identified top-selling products and customer segments to drive strategic decisions.
- Automated real-time reporting to streamline business insights and improve decision-making.

Movie Rental Store Analysis:

- Analyzed customer rental patterns and preferences using transaction data.
- Identified top-performing movies and genres to optimize inventory management.
- Developed insights on seasonal demand fluctuations and customer demographics.
- Implemented data-driven strategies to enhance rental revenue and customer retention.

Analysis of Twitter Data:

- Conducted data cleaning and preprocessing on Twitter data for meaningful insights.
- Analyzed tweet patterns, hashtags, and sentiment using machine learning techniques.
- Visualized trends in user engagement, follower growth, and tweet frequency.

RELEVANT COURSES

Computer Science:

- Introduction to programming, Data Structures and Algorithms, Data Science Analysis
- Machine Learning for Process Systems Engineering, Data Analysis Tools in Experimental Research

Mathematics:

Calculus, Linear Algebra, Advanced Numerical Methods, Applied Mathematics For Chemical Engineers.

Online Courses:

Machine Learning, Deep Learning, Natural Language Processing(NLP).

POSITIONS OF RESPONSIBILITY

Event Coordinator: (International Relation Cell)

2022-23

- Facilitated networking by connecting international students with guest speakers and partner institutions.
- Organized and managed international events, ensuring smooth execution and communication.

EXTRACURRICULAR

- Member of the NSO Squash team.
- Proficient at Carrom, Badminton, Chess.
- Had active participation in Diesta The inter-branch competitions of IIT Hyderabad.