



# BANOTHU JAWAHAR LAL

B.Tech Chemical Engineering

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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

## PROJECTS

### 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.