

# Kabeer Sanan

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## EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (EE)	Netaji Subhas University of Technology	2027	8.19
CBSE (Class XII)	Shaheed Rajpal D. A. V. Public School	2023	94.75
CBSE (Class X)	Shaheed Rajpal D. A. V. Public School	2021	96.2

## PROFESSIONAL EXPERIENCE

- **Technical Intern – F1 InfoTech Pvt. Ltd.** July 2025 – August 2025
  - Built a multi-page React dashboard for the Bid Automation System using React Router, streamlining navigation and improving user experience.
  - Designed and implemented modular, reusable UI components to support tender tracking, approvals, and invoice workflows. Enhanced prototype fidelity by incorporating form handling, routing, and layout consistency to simulate real workflows.

## PROJECT

- **Heart Disease Prediction using Logistic Regression** [\(GitHub Link\)](#)
  - Implemented a Logistic Regression model on the Framingham dataset, achieving 87% accuracy in predicting heart disease risk through binary classification, enabling early diagnosis.
- **Sarcastic News Headline Classifier | NLP, Scikit-learn, Logistic Regression** [\(GitHub Link\)](#)
  - Engineered an end-to-end sarcasm detection model using 44,000+ news headlines from The Onion and HuffPost, achieving 92% test accuracy.
  - Engineered a full NLP pipeline: text normalization, tokenization, lemmatization, and customized stop-word filtering to preserve sentiment cues.
- **Disease Prediction Using ML | Symptom-Based Dataset (132 Features, 40+ Conditions)** [\(GitHub Link\)](#)
  - Implemented multi-class classification on a 132-symptom dataset using Random Forest, Naive Bayes, and SVM Classifiers to predict disease.
  - Accomplished 91% accuracy using Random Forest, validated through confusion matrix analysis, demonstrating robust model performance.
  - Applied model selection, cross-validation, and confusion matrix evaluation to optimize performance.
- **Financial News Sentiment Analysis & Market Prediction** [\(GitHub Link\)](#)
  - Forecasted S&P 500 directional shifts by leveraging 19K+ financial headlines and VADER + FinBERT-based sentiment analysis pipelines.
  - Trained Random Forest classifiers on 3-class movement targets (up/neutral/down) for S&P 500 forecasting, achieving 87% accuracy.
  - Applied cross-validation, handled imbalanced datasets, and visualised decision impact using confusion matrices.

## POSITION OF RESPONSIBILITY

- **Executive Committee Member | Debating Society of NSUT** 2023 - Present
  - Mentored 80+ junior students in Model United Nations (MUN) and parliamentary debate through structured training programs, enhancing their public speaking and negotiation skills.
- **Senior Executive Committee Member | eCell NSUT** 2023 - Present
  - Led planning for InnovateX, attracting 800+ participants across 20+ colleges; Fostered entrepreneurship among freshmen through leadership, teamwork, and event management.

## ACHIEVEMENTS AND AWARDS

- **Singapore Model United Nations | Best Delegate Award** June 2024
  - \* Awarded Best Delegate for policy and diplomacy at NUS MUN (110+ nations participating); led NSUT to win Best Delegation—an Indian first at the event.
- **Model UN Parliamentary Debating | 10+ National Awards | 6 Years Experience** 2019-2025

## ACHIEVEMENTS AND AWARDS

- **Programming & Development:** C++, Python, JavaScript, React, HTML, CSS, OOP, DBMS, Operating Systems
- **Data Analytics & Tools:** Excel, Power BI, SQL, Pandas, NumPy, Data Analytics, Jupyter
- **Machine Learning & Frameworks:** Scikit-learn, TensorFlow (Beginner), PyTorch (Beginner)