

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 by 30%.
 - Collaborated with a 4-member team to design 8 modular and reusable UI components in React, facilitating streamlined tender tracking, ensuring scalability and maintainability across the Bid Automation System.
 - Implemented debugging and testing workflows to enhance the reliability of the Bid Automation System.

PROJECT

- **Prognosis Prime - An AI-powered Disease Predictor** ([Prognosis Prime-Website](#)) ([GitHub Link](#))
 - Developed and deployed a full-stack disease prediction web application using FastAPI and scikit-learn, leveraging 132+ symptoms to predict 40+ diseases with an ensemble voting system (SVM, Naïve Bayes, Random Forest) achieving 91% test accuracy.
 - Built RESTful APIs for real-time inference and user interaction, achieving sub-200 ms response latency through optimized model serialization with Joblib and concurrent request handling via Uvicorn and Gunicorn.
 - Automated CI/CD pipeline with GitHub → Render integration, enabling one-click deployments, reproducible builds, and seamless updates to production with zero downtime.
- **AccordIQ – An Intelligent Treaty Summarizer** ([GitHub Link](#))
 - Engineered a production-grade Retrieval-Augmented Generation (RAG) backend using FastAPI, FAISS, and Gemini 2.5 Flash to enable semantic querying of 500-page treaties, achieving 92 % retrieval precision across multi-document inputs.
 - Developed modular micro-services for PDF parsing, intelligent chunking, and embedding generation that reduced preprocessing latency from 10 min → 40 sec, enabling near-real-time indexing of large policy archives.
 - Integrated Gemini LLM with persistent FAISS vector storage, delivering grounded, clause-level insights with 3 × faster query throughput and automating extraction of key provisions from lengthy international agreements.
- **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.

POSITION OF RESPONSIBILITY

- **Executive Committee Member | Debating Society of NSUT** 2023 - Present
 - Mentored 80+ junior students in MUN and parliamentary debate through structured training programs, enhancing public speaking skills transferable to technical mentoring and teamwork in software projects.
- **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

TECHNICAL SKILLS AND TOOLS

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