M.TOUSEEF BANU

AI & DATA SCIENCE ENTHUSIAST

CONTACT

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OBJECTIVE

Aspiring AI and Data Science professional looking to apply analytical, programming, and ML skills to real-world problems while continuously learning and adding value to the organization. Committed to learning fast, adapting to challenges, and contributing positively to organizational goals.

EDUCATION

2022 - 2026
MUFFAKHAM JAH COLLEGE OF ENGINEERING

- Computer Science & Engineering
- GPA: 8.3 / 10

2020 - 2022
SRI CHAITANYA COLLEGE

- Intermediate
- 953 Marks

2020
NARAYANA SCHOOL

- 10th class
- GPA: 10 / 10

SKILLS

- Python
- Data Science
- SQL
- Intermediate Machine Learning
- Deep Learning & Neural Networks
- Flutter - Node & Express JS
- Team collaboration & communication
- Good analytical thinking
- Effective Communication
- Quick learner & adaptable

EXTRA CURRICULUM

- Chief Coordinator – CSI (Computer Society of India)
- Head Girl – Class 10

PROJECTS

AllWayz
AI-Powered Bus Detection and Route Extraction System

- Developed AllWayz, a smart mobility platform integrating YOLO-based bus detection and OCR to accurately extract real-time route numbers from CCTV footage.
- Implemented ride-booking, live bus tracking, and ambulance-priority routing features to optimize urban transportation and emergency response efficiency.

MediReach
A Citizen-to-Healthcare Reporting & Response Platform

- Developed MediReach, a Flutter + Node.js platform that lets citizens and health workers report geo-tagged medical issues using text or voice, enabling real-time visibility of rural healthcare needs.
- · Built an actionable dashboard for NGOs/hospitals with categorized issues, heatmaps, and response workflows, improving the speed and accuracy of medical outreach and service delivery.

UniLink
A Unified Campus Engagement & Student Networking Platform

- Developed UniLink, a centralized campus application built using Flutter and Node.js that streamlines student profiles, queries, club activities, and event registrations.
- Implemented secure authentication, dynamic feeds, and interactive club/event modules to enhance student engagement and simplify communication across the institute.

StudyGenie
AI Classroom Assistant

- Developed an AI-powered classroom automation platform (StudyGenie) integrating RAG-based doubt solving, face-recognition attendance, lecture transcription & summarization, and automated flashcard generation to improve academic efficiency.
- Implemented end-to-end AI pipelines using LLMs, FAISS, Whisper, and computer vision, enabling context-aware question answering, structured lecture notes, and active-recall-based revision support.