

MOHAMMED AZAM MOHIUDDIN

CSE(DATA SCIENCE)



CONTACT

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CERTIFICATE

- [Python 101 for Data Science](#)
- [TATA GenAI Data Analytics](#)
- [Deloitte Data Analytics](#)
- [Deloitte Technology](#)
- [Deloitte Cyber Security](#)
- [Power BI Micro Course](#)

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Data Analytics
- Data Science

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Telugu (Basic)

PROFILE

Highly Motivated Computer Science and Engineering (Data Science) student at the University of Jawaharlal Nehru Technological university with a strong foundation in Data analysis, Big data analytics, Machine learning Software development and DevOps. Skilled in learning Software Development (Python, C++, Java, R), Data Analysis & Statistical modeling, Cloud computing(AWS, Azure), and Database management(Excel, SQL, NoSQL).

PROJECTS

Project 1. Emotion Based Music Player

Developed an AI-powered music player that detects user's emotions through facial expressions and suggests appropriate music tracks.

- Machine Learning:** OpenCV, TensorFlow/Keras for emotion recognition.
- Backend:** Python (Flask/Django) for processing and recommendation logic
- Frontend:** React/Flutter for a user friendly interface.
- Database:** Firebase/MySQL for storing user preferences.

Project 2. Smart Control of Traffic Light Using Artificial Intelligence

Developed an AI-powered traffic light control system to optimize traffic flow and reduce congestion. The system uses real-time data from cameras and sensors to dynamically adjust signal timings, improving efficiency and minimizing wait times.

- Artificial Intelligence:** Machine learning models for traffic pattern analysis.
- Computer Vision:** Image processing for vehicle detection and density estimation.
- Internet of Things (IoT):** Sensors for real-time traffic data collection.
- Python:** Implementation of AI algorithms.
- OpenCV:** Image processing and object detection.
- TensorFlow/PyTorch:** Deep learning framework for traffic analysis.
- Raspberry Pi/Arduino:** Hardware integration for smart control.

EDUCATION

Bachelor of Technology: Computer science and Engineering (Data Science)

Jawaharlal Nehru Technological university, Swami Vivekananda Institute of Technology

CGPA: 6.50 / 10.0

2020 - 2024

Intermediate (10+2)

Nalanda Junior College

CGPA: 7.00/10.00

Secondary Education

Nagarjuna High School