

# Moiz Uddin Mohammed

+17163356084 | moizuddi@buffalo.edu | <https://www.linkedin.com/in/mohd-moiz-uddin/> |  
Portfolio Website: <https://moiz02.github.io/portfolio-website/> | <https://github.com/moiz02>

---

## Education

### University at Buffalo, New York, USA

August 2024-June 2026

Masters in Data science and Applications

**Coursework:** Database Management Systems, Probability and Data Analysis, Statistical Data Mining 1 with R, Statistical Data Mining 2, Programming DB Data Science, Machine Learning, Cybersecurity Privacy and Ethics, Numerical Analysis.

### Osmania University, Lords Institute of Engineering and Technology, India

August 2020-July 2024

Bachelor of Engineering, Computer Science and Engineering

**GPA:** 8.1/10

**Coursework:** Artificial Intelligence, Machine Learning, Software Engineering, DBMS, Operating Systems, Data Structures and Analysis of Algorithms, Software Testing, Web Technologies, Computer Networks.

---

## Projects

### GCP Data Engineering Project: ETL Pipeline for Online Food Delivery Industry

- Developed an ETL pipeline using Google Cloud services (**GCS, Composer, Dataflow, BigQuery**) to process and transform batch transactional data.
- Utilized Apache Beam for data processing and cleaning, loading results into BigQuery for analysis.
- Orchestrated workflows with Apache Airflow, automating data ingestion, processing, and reporting.
- Integrated **Looker** to generate daily business insights on order status.

### Automated Weather Forecast Data Pipeline using GCP, Airflow, and Twilio

- Developed a weather forecast data pipeline using Google Cloud Platform (GCP) services.
- Built a data pipeline using GCP services and Airflow to fetch, process, and store daily weather forecasts.
- Orchestrated the entire workflow using Apache Airflow (Composer) for seamless daily execution.
- Implemented error handling to ensure data delivery continues even if one city's data retrieval fails.

### Project Iris Recognition By CNN Model, Mini Project:

- Data collection involves acquiring high-resolution iris images, followed by meticulous preprocessing steps like normalization and segmentation to ensure data quality.
- A custom CNN architecture is designed and trained specifically for iris recognition, with parameters optimized to enhance recognition accuracy.

---

## Work Experience

### Delta Sigma Technologies

#### ML Engineer Intern

May 2023

- Develop DecisionTreeClassifier model for loan approval, boosting accuracy and efficiency.
- Integrate user-friendly interface, enhancing interaction with predictive system.
- Ensure model compliance with real-life loan approval parameters.
- Refine model through data analysis, improving decision-making processes

#### CodeClause

#### Web Developer Intern

June 2023

- Developed an online code editor, unit converter, timer, and stopwatch, enhancing user experience.
- Acquired hands-on experience in HTML, CSS, and JavaScript, improving front-end development skills.

---

## Skills

Python, R, Apache Airflow, Apache Beam, Apache Spark, Google Cloud Platform (GCP), Google BigQuery, SQL, Extract, Transform, Load (ETL), Database Management, Cloud Computing, Data pipeline, Data Visualization, Data Warehousing, Data Analytics, Data Engineering, Business Analysis, HTML, CSS.

---

## Extracurricular Activities

### Active Member, Computer Society of India - LIET Chapter

- Engaged member of the Computer Society of India (CSI), I contributed to a dynamic community focused on advancing computer science and technology where I engaged with peers to stay updated on industry trends.

#### Hackathons:

- Participated in HACK REVOLUTION 2023
- Participated in TECH FIESTA 2022