+8801730278090
North Badda, Dhaka
araf.cuet16@gmail.com

Portfolio: https://nafiul-araf.github.io/
GitHub: github.com/nafiul-araf
Linkedin: nafiul-araf-50b0b7203

Md. Nafiul Islam

I enjoy working with data to uncover business insights using Python, SQL, machine learning, and Power BI. I focus on building accurate predictive models and improving data quality to solve real-world problems. Passionate about helping businesses make better decisions, I deliver clear and actionable solutions.

SKILLS

Tools and Languages	Python, MySQL, PostgreSQL, Snowflake, BigQuery, Power BI, Excel
Quantitative Skills	RDMS, Data Modeling, Machine Learning, Statistical Analysis, Data Warehouse
Communication	Bengali, English

PROFESSIONAL EXPERIENCE

Junior Data Scientist   **Mar 2025 — Present**
DataLytics 360   *Banani, Dhaka, Bangladesh*
- Conducting market research to identify AI-driven opportunities, developing machine learning models, chatbots, and Power BI reports to improve client engagement and support business development initiatives.
- Developed real-time Power BI dashboards for a department store chain, ensuring data accuracy and delivering insights on sales, inventory, and customer behavior, streamlining strategic decisions, and reducing manual reporting by ∼50–60%.
- Built a dynamic Power BI dashboard for a clothing brand's sales analysis, ensuring data accuracy through testing, providing insights, and reducing manual reporting by ∼50–60%.
- Designing an AI agent for the clothing retail sector with search, recommendation, demand forecasting, and customer support features, projected to improve operational efficiency and customer experience by ∼30–40% after implementation.
- Providing technical support (SQL, Python) to students of Data Solution 360 Edutech.

Data Science Intern   **Sep 2024 — Feb 2025**
Data Solution 360   *Banani, Dhaka, Bangladesh*
- Developed an end-to-end Power BI project for NGO performance analysis, handling data creation, modeling, and interactive dashboard reporting to deliver key metrics, reducing manual reporting efforts by ∼40–50%.
- Gained expertise in MySQL, PostgreSQL, data warehousing, and MLOps, applying database management and pipeline optimization to support real-world business analytics projects.
- Implemented real-world portfolio projects to apply acquired skills, demonstrate expertise, and build a strong professional portfolio.

Senior Analyst   **Jan 2023 — Jun 2024**
Orboroi   *Uttara, Dhaka, Bangladesh*
- Provided high-quality annotated data for tree measurement detection to a forestry company, ensuring 99% quality.
- Assisted the sales and marketing team with lead generation and content creation.
- Awarded the Rising Star award for achieving high client satisfaction and outstanding client management skills.
- Segmentation and annotation of medical images for object detection with a quality greater than 97%.
- Honored with the Employee of the Month award three times for outstanding performance and dedication.

Intern (Academic Industrial Attachment)   **Feb 2022 — Mar 2022**
Teletalk BD LTD.   *Gulshan, Dhaka, Bangladesh*
- Worked on an image recognition project as part of an academic industrial attachment course, applying theoretical knowledge to practical applications to engineer and implement a robust image recognition system.
- Utilized state-of-the-art Convolutional Neural Networks (CNNs) to accurately classify images into five distinct categories: human, non-human, clear, unclear, and misaligned.
- Optimized model performance, applied data augmentation techniques to expand the dataset, and leveraged transfer learning to incorporate pre-trained models.
- Successfully implemented the model within an industrial setting at Teletalk BD.

EDUCATION

Bachelor of Science in Computer Science & Engineering, *Chittagong University of Engineering & Technology,*	Aug 2022
Higher Secondary School Certificate (HSC), *Birshreshtha Munshi Abdur Rouf Public College*	Aug 2016
Secondary School Certificate (SSC), *Jatrabari Ideal School & College*	May 2014

ACADEMIC PROJECTS AND CERTIFICATIONS

A Hashing and Autoencoder-based Bangla Fake News Detection System (BSc. Thesis).	Jun, 2022
Applied Data Science with Python Specialization.	Apr, 2021
Python for Everybody Specialization.	May, 2021
Tensorflow Advanced Techniques Specialization.	Feb, 2022
Data Analyst job-ready Boot-Camp.	Feb, 2025