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

Md. Nafiul Islam

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

I am skilled in Excel, Python, SQL, machine learning, and statistics, with experience using Business Intelligence (BI) tools to turn data into useful insights. I focus on creating accurate predictive models, improving data quality, and applying machine learning techniques to solve real-world problems. I enjoy analyzing data and helping businesses make better decisions through clear and actionable insights.

SKILLS

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

PROFESSIONAL EXPERIENCE

Data Science Intern — Sep 2024 — **Present**
Data Solution 360 — *Banani, Dhaka, Bangladesh*

- Developing an end-to-end Power BI project for NGO performance analysis, including data creation, modeling, and interactive dashboard reporting to showcase key metrics and insights.
- Developing expertise in MySQL, PostgreSQL, Data Warehouses, Database Management Systems, and MLOps, with a focus on practical applications in real-world business environments.

Senior Analyst — Sep 2023 — **Jun 2024**
Orboroi — *Uttara, Dhaka, Bangladesh*

- Provided high-quality annotated data for tree measurement detection to a forestry company, ensuring over 99% quality.
- Assisted the sales and marketing team with lead generation and content creation.
- Awarded the Rising Star title for achieving high client satisfaction and outstanding client management skills.

Data Annotator — Jan 2023 — **Aug 2023**
Orboroi — *Uttara, Dhaka, Bangladesh*

- Medical image segmentation and annotation for object detection with more than 97% quality.
- Honored with the Employee of the Month award three times for outstanding performance and dedication.

Intern — Jan 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.
- Engineered and implemented 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 deployed 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