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Md. Nafiul Islam

Portfolio: <https://nafiul-araf.github.io/>
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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, 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

Data Solution 360

Banani, Dhaka, Bangladesh

- Conducting market research across various sectors to identify AI-driven solutions (ML models, chatbots, Power BI reports, etc.) to engage potential clients.
- Developing a time series model for sales and demand forecasting in the clothing retail sector to help businesses optimize operations.

Data Science Intern

Sep 2024 — Feb 2025

- Developed 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.
- Gained 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 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.

Data Annotator

Jan 2023 — Aug 2023

- 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 (Industrial Attachment)

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 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 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
Data Analyst job-ready Boot-Camp.	Feb, 2025