



Md Sanjid Hossain

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Profile

Specializing in Data Science, AI/ML engineering, Data analysis and QA engineering, with approximately 1 year of professional & 3 years of research experience complemented by practical skills in Data Analysis and ML Engineering. Recognized for unwavering work ethics, adeptness in meeting deadlines, and a steadfast commitment to continuous skill enhancement. Currently, expanding expertise into Software QA engineering to broaden contributions to the Software and Tech industry.

Programing Language

Python — (Primary) | **HTML/CSS** | **JavaScript** |
SQL/NoSQL | **JAVA** | **C**

Skills

Development Tool

Flask, Streamlit, Gradio, GitHub, Render, MySQL, OOP, MVC, Bootstrap, Android Studio, 3utools, Linux, JIRA, Notion, ClickUp,

AI tools & Frameworks

FastAI, Pytorch, OpenCV, Scikit-Learn, Tensorflow, Chatbase, HuggingFace Spaces, ONNX, Blurr, YOLO, CNN, RNN, Transformer

Database, Cloud & Networking tools

MongoDB, Dbeaver, Oracle VM, AWS, Azure, Google cloud-Compute Engine, Charles, Fidler, Postman

Data Analysis & Visualization Tools

Tableau, Power BI, MS Excel, MS office, Matplotlib, Seaborn, Plotly

Data Scaping & Automation Tools

Selenium, BeautifulSoup, Scrapy, WebScaper.io

Projects

FoodLens AI

A complete web application built with flask that can recognize and classify foods, their Origins and The Restrictive Ingredients. The application can use both Image and Text from user and generate the result using multiple layers of AI models.

MultiLabel Article Classifier

A web application that can classify any form of News or article (complete or partial) from text (English) using ML model consisting of 18 categories.

Data Analysis on Quality of Life

A complete data analysis project that uses population, GDP, Life expectancy and inflation rate data to determine the quality of life around the world & more detailed analysis on multiple continents

Professional Experience

Intern QA engineer(Functional Testing), AIQA

07/2024 – present

- Worked on Multiple projects Including Websites, Mobile and Desktop Applications
- Developed and Report 300+ Issues on **JIRA** including generating Report on **TestRails & Dashboard** creation.
- Experience on Creating Test Documentations, Test Survey, Acceptance Sheet
- Worked with API and Web encryption and Virtual machines including Cloud Services(AWS, Azure, GCloud)

Instructor, Safenet AI

12/2023 – present

- work with ML, NLP, CV, Data scraping and vizualization
- Content and Research management
- Project management and research assistance

Trainee Data Scientist, MasterCourse

06/2023 – 10/2023 | Dhaka, Bangladesh

- Data Scraping, Collection, Data Analysis
- ML model training, API development & Deployment
- AI application Development & Deployment
- Projects: Foodlens.AI , Multilabel Article Classifier , Shoe Type Recognizer

Intern Web Researcher(Remote), Klatch Technologies Ltd.

08/2022 – 10/2022 | India

- Data quality assurance tests.
- Research on web and data annotations

Education

BSc in Computer Science & Engineering,

Daffodil International University

2018 – 2022 | Dhaka, Bangladesh

3.41 out of 4.00

Languages

Bengali | **English** — 7, IELTS

References

Nasrin Akter, Data Engineer, Microsoft
akternasrin87@gmail.com

Sanjidul Islam, Senior Lecturer, Daffodil International University
sanjid.cse@diu.edu.bd

Mohammad Sabik Irbaz, Graduate Research Assistant,
George Mason University, VA, USA
mirbaz@gmu.edu

✦ Achievements

ICPC International Collegiate Programming Contest

2020

Participated in Inter-university Programming Contest held in Dhaka region

Take-off Programming Contest

2019

Placed in top 20 on C Language base Intra-university Programming Contest.

📖 Publications

Refining Bengali Hate Speech Detection: Multi-Label Classification Using RNN and LSTM, *ICACTCE'24 (Springer Lecture Notes in Networks and Systems LNNS)* (Accepted & processing)

Road Condition Detection and Crowdsourced Data Collection for Accident Prevention: A Deep Learning Approach, 2023

Twelfth International Conference on Image Processing Theory, Tools and Applications (IPTA), France [↗](#)

10/2023

Hate Speech Detection Using Machine Learning In Bengali Languages, 2022 *6th International Conference on Intelligent Computing and Control Systems (ICICCS)* [↗](#)

05/2022