Md. Nahid Ahosan

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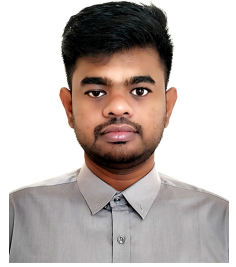**Email:** *nahidahsan74@gmail.com*
LinkedIn: *linkedin/nahid-ahsan*
GitHub: *github.com/Nahid-Ahsan*
Kaggle: *kaggle.com/nahidahsan*
LeetCode: *leetcode.com/Nahid-Ahsan*

CAREER OBJECTIVE

Highly Motivated and proactive individual with a passion for **Machine learning** and **Computer Vision**. I bring substantial expertise in designing and optimizing data pipelines, ensuring data accuracy and reliability. I possess extensive experience in constructing models from the ground up using sophisticated algorithms including but not limited to **Encoder-Decoder**, **BERT**, **CNN**, **ResNet**, **RF**, **XGBOOST**, **LSTM**, **ARIMA**, and more. This expertise empowers me to employ cutting-edge techniques in DL and ML. Excellent grasp and competence with ML tools such as **Python,R**, **Pytorch**, **NLTK**, **Tensorflow**, **SQL**, **Tableau**.

WORK EXPERIENCE

Artificial Intelligence Engineer
Dream71 Bangladesh Ltd.

August 2022 - Current
Dhaka, Bangladesh

- Conducted research and designed a Transformer (Encoder-Decoder with attention mechanism) based assistance system (chatbot) for Bangla language.
- Developed an end-to-end pipeline for efficient data collection.
- Built a smart web app using Django framework and Rest API.
- Implemented a digital preservation system with OCR capabilities.

Data Analyst
Sohopathi

April 2022 - June 2022
Dhaka, Bangladesh

- Built a data collection system from the production database.
- Ensured data integrity through collaboration with operations teams and implementing corrective actions.
- Conducted feature engineering on real-world data using Python.
- Utilized MongoDB and wrote queries for data manipulation.

PROJECTS AND RESEARCH

Smart Bhumipedia | *NLP, Django, Rest API*
Ministry of Land, Bangladesh

January 2023
Live Project (beta)

End-to-end Bengali handwritten text to speech synthesis pipeline | *Python*
East West University

February 2021
SourceCode

Robi Datathon 2.0: rank 9 (EDA + Model Build) | *Python*
Contest Project

June 2022
SourceCode

NVIDIA: Time Series Analysis and Forecasting | *Python*
Personal Project

June 2022
SourceCode

Amazon Data Visualization and Recomendation | *Python*
Personal Project

June 2022
SourceCode

Brain-Tumor Multilabel Classification Using Hybrid Model | *Python*
Bio-medical Research Project

December 2022
SourceCode

KEY SKILLS

Python **MySql** **GCP** **Pytorch** **Keras** **OpenCV** **Django** **RDBMS** **NLP** **C++**
OOPs **Image Processing** **R** **Computer Vision** **Linux** **Nginx** **Kafka** **PostgreSQL**
RESTAPI **Tableau**

EDUCATION

Bachelor of Science | *CGPA: 3.09 out of 4.00*   May 2016 – Feb. 2021
Dept. of Electronics and Communication Engineering
East West University   Dhaka

Higher Secondary Certificate (H.S.C) | *GPA: 4.08 out of 5.00*   2013 – 2015
Birampur Govt. College   Birampur, Dinajpur

Secondary School Certificate (S.S.C) | *GPA: 5.00 out of 5.00*   2008 – 2013
Birampur Pilot High School   Birampur, Dinajpur

CONTEST

Robi Datathon 2.0   June 2022
Team DaxLab scored 87% accuracy and 5th in leader board.   [Leaderboard]

PROFESSIONAL COURSES

Natural Language Processing Specialization   July 2023 - Ongoing
Deeplearning.ai   [Certificate]

Google Data Analytics Certification   August 2021
Google   [Certificate]

Microsoft AI Classroom Series   April 2021
Microsoft   [Certificate]

SOFT SKILLS

Document Creation: Microsoft Office , LaTex, Markdown
Languages: English, Bengali

EXTRA CURRICULAR ACTIVITIES

Good storyteller, Creative Writing, Reading Books, Technical Research,Critical thinker, Teamwork

CLUB INVOLVEMENT

Electronics and Telecommunications Club   Summer 2016 – Fall 2020
East West University   Volunteer

REFERENCES

Muhammad Suhail Najeeb   **Email:** suhailnajeeb@proton.me
Graduate Researcher
Dept. of Electrical and Electronic Engineering
The University of Melbourne