UTSHAB KUMAR GHOSH

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Dhaka, Bangladesh

I have been working with Machine Learning and Data Science for 3+ years. My main motto is to collaborate in the field of Data Science, Machine Learning, and Deep Learning, as an ML Engineer or a Data Scientist. With the knowledge of competitive programming and back-end development along with ML competitions in Kaggle, I want to gather experience and knowledge from a based environment and to make some contributions to humankind.

Education

Jan 2017- Oct 2022

Bachelor of Science: Computer Science & Engineering (CGPA: 3.22)
Rajshahi University of Engineering & Technology – Rajshahi, Bangladesh

Work Experience

Dec 2022- Present

Jr. Software Engineer
Nascenia Ltd. – Dhaka, Bangladesh
Department: Machine Learning & Full Stack Dev
- Chatbot with NLP, RASA.
- Building Components with JavaScript, React, PHP, WordPress.

Feb 2023- Present

Mentor
Code Studio Academy – Dhaka, Bangladesh
Department: Machine Learning & Data Science

Oct 2020- Sep 2022

AI Research Assistant
MyMedicalHUB Int. – Florida, USA (Remote)

Department: Machine Learning
- Gait Analysis Project.
- Sports Video and Image Analysis Project.
- Worked with AWS, Apace Server, REST API.

Technical Skills

Data Science, Machine Learning, & Deep Learning	Python, Data Analysis & Visualization, ANN, CNN, Supervised & Unsupervised Learning Algorithms, Feature Engineering, Feature Selection & Extraction.
Frameworks, Library & Tools	TensorFlow, Keras, OpenCV, NumPy, Pandas, Scikit-Learn, Tableau, Excel Spreadsheet.
Programming	Python, C, Data Structures & Algorithms.
Web Development	ReactJS, SaaS, Tailwind, JavaScript, Django, PHP, WordPress.
Mathematics for ML & DL	Algebra, Statistics, Possibility, Geometry, Matrix.
Database	MySQL, MariaDB, Firebase, MongoDB.
Miscellaneous	Git, Linux, AWS, Apache Server, Latex, MS Office, Adobe Illustrator.

Researches

Accurate Gait Recognition with Inertial Sensors using a New FCN-BiLSTM Architecture
Journal: Computers and Electrical Engineering (**Q1**, **Available:** https://lnkd.in/g8QZYgMt)

Most Dominant Metabolomic Biomarkers Identification for Lung Cancer
Journal: Informatics in Medicine Unlocked (**Q2**, **Available:** https://lnkd.in/gh8ZaeHK)

Projects

Bone Marrow Cell Classification (Ongoing)

My Machine Learning Projects

Django Ecommerce Site (Sessional Project)

IMDB Clone (ReactJS Project)

Competitions

Kaggle TensorFlow - Help Protect the Great Barrier Reef *[Top 49% (1019th out of 2109)]*

Kaggle PetFinder.my - Pawpularity Contest *[Top 13% (443rd out of 3545)]*

Datahack Traffic Forecasting *[Time Series Dataset, Running]*

HackerEarth ML Challenge: Fast, Furious and Insured *[86th out of 2796]*

HackerEarth ML Challenge: A Fine Windy Day *[54th out of 2034]*

300+ Problems solved at Codeforces, Codechef, Leetcode, LightOJ and other Online Judges.

Certifications

Deep Learning Specialization
Institute: deeplearning.ai

Applied Data Science Specialization
Institute: IBM

Data Scientist Career Track
Institute: Datacamp

AI for Medical Diagnosis
Institute: deeplearning.ai

Interpersonal Skills

- Management
- Teamwork
- Multitasking
- Leadership

Languages

- English
- Bangla

Interests

- Music & Instruments
- Taekwondo