



UTSHAB KUMAR GHOSH

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- Dhaka, Bangladesh

I have been working with Python for 4+ years. My main motto is to collaborate in the field of Full Stack Development or Machine Learning, and Deep Learning. With the knowledge of competitive programming and full stack development, 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.
 - Project: TourkeyStay in Laravel Framework.
 - Building Components with JavaScript, React, PHP, WordPress.
- Feb 2023–
Present

Mentor
Code Studio Academy – Dhaka, Bangladesh
Department: Python, 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, Django 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% (443th 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