



# 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 PHP, WordPress, Twig, Timber, SaaS, JavaScript.
- 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

HTML, CSS, SaaS, Tailwind, JavaScript, Django, PHP, WordPress.
- Mathematics for ML & DL

Algebra, Statistics, Possibility, Geometry, Matrix.
- Database

MySQL, MariaDB.
- 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

Github Repo: [https://github.com/utshabkg/ML\\_Competition-AND-Practice](https://github.com/utshabkg/ML_Competition-AND-Practice)
- Django Ecommerce Site

(Sessional 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