



UTSHAB KUMAR GHOSH

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🌍 Dhaka, Bangladesh

OBJECTIVES

I have been working with Python, Machine Learning and Data Science for 4+ years. My main motto is to collaborate in the field of Software Development as well as Data Science, Machine Learning, as a Software Engineer. With the knowledge of competitive programming and full stack development along with ML competitions in Kaggle, I want to gather experience from a based environment and to make some contributions to humankind.

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, Laravel.
- **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, Apache Server, REST API.
- **Dec 2017– Jan 2020**
Smart Book Writer
10 Minute School – Dhaka, Bangladesh
Department: Mathematics & Physics.

EDUCATION

- **Bachelor of Science in Computer Science & Engineering (2017 – 2022)**
CGPA: 3.22 (out of 4.00)
Department of Computer Science & Engineering,
Rajshahi University of Engineering & Technology, Bangladesh
- **Higher Secondary School Certificate (2014 – 2016)**
GPA: 5 (out of 5.00)
Saint Joseph Higher Secondary School, Bangladesh
- **Secondary School Certificate (2009 – 2014)**
GPA: 5 (out of 5.00)
Motijheel Ideal School & College, Bangladesh

SKILLSET

- **Programming** Python, C, Data Structures & Algorithms.
- **Data Science, Machine Learning, & Deep Learning** Data Analysis & Visualization, ANN, CNN, Supervised & Unsupervised Learning Algorithms, Feature Engineering, Feature Selection & Extraction.

- **Frameworks, Library & Tools** TensorFlow, Keras, OpenCV, NumPy, Pandas, Scikit-Learn, Excel Spreadsheet.
- **Web Development** ReactJS, SaaS, Tailwind, JavaScript, Django, Laravel, WordPress.
- **Mathematics for ML & DL** Algebra, Statistics, Possibility, Geometry, Matrix.
- **Database** MySQL, MariaDB, Firebase, MongoDB.
- **Miscellaneous** Git, Linux, AWS, Apache Server, Docker, Latex, MS Office, Adobe Illustrator, Premiere Pro.
- **Interpersonal Skills** Management, Teamwork, Leadership, Multitasking.

RESEARCHES AND PROJECTS

- **Bone Marrow Cell Classification** (Ongoing)
Field: Biomedical
- **Accurate Gait Recognition with Inertial Sensors using a New FCN-BiLSTM Architecture**
Authors: Nahian Rifaat¹, Utshab Kumar Ghosh¹, Abu Sayeed
Journal: [Computers and Electrical Engineering](https://doi.org/10.1109/ACCESS.2020.3000000) (Q1, Available: <https://lnkd.in/g8QZYgMt>)
Field: Biometrics
- **Most Dominant Metabolomic Biomarkers Identification for Lung Cancer**
Authors: Utshab Kumar Ghosh¹, Fuad Al Abir, Nahian Rifaat, S.M. Shovan, Abu Sayeed, Md. Al Mehedi Hasan
Journal: [Informatics in Medicine Unlocked](https://doi.org/10.1109/ACCESS.2020.3000000) (Q2, Available: <https://lnkd.in/g8ZaeHK>)
Field: Bioinformatics
- **My Machine Learning Projects**
Github Repo: https://github.com/utshabkg/ML_Competition-AND-Practice
- **Django Ecommerce Site** ([Sessional Project](#))
Field: Web Development
Supervisor: Asst. Prof. Barshon Sen, Rajshahi University of Engineering & Technology
- **IMDB Clone** (ReactJS Project)
Field: Web Development
Deployed: <https://moviereview-utshabkg.vercel.app/>

COMPETITIONS

- **Kaggle TensorFlow - Help Protect the Great Barrier Reef** (Video Dataset)
[Top 49% \(1019th out of 2109\)](#)
- **Kaggle PetFinder.my - Pawpularity Contest** (Image Dataset)
[Top 13% \(443th out of 3545\)](#)
- **DataHack Traffic Forecasting** (Time Series Dataset)
[Time Series Forecasting \(Running\)](#)
- **HackerEarth ML Challenge: Fast, Furious and Insured** (Image & Tabular Dataset)
[Classification & Regression \(86th out of 2796\)](#)
- **HackerEarth ML Challenge: A Fine Windy Day** (Tabular Dataset)
[Regression \(54th out of 2034\)](#)

SPECIALIZATION ACCOMPLISHMENTS

- **Kaggle Expert** (x3)
- **300+ Problems solved at** Codeforces, Codechef, LightOJ and other Online Judges.
- **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
- **Gold Medalist:** National High School Programming Contest

EXTRA CURRICULAR ACTIVITIES

- **Co Founder** (*January, 2019 - Present*)
Code Studio, A software company that builds Mobile and Web Application.
- **Asst. Publication Secretary** (*March 2018 - December 2019*)
RUET Career Forum
- **Vice President (Admin)** (*February, 2021 - October, 2022*)
Onuronon, RUET Cultural Club
- **Founder, Keyboardist, and Guitarist**
Plectrum, a Bangladeshi Band

PERSONAL DETAILS

Date of Birth	December 31, 1998
Gender	Male
Nationality	Bangladeshi
Religion	Hinduism
National ID No.	9577605968
Passport No	A08155913
Passport Issue Date	30/07/2023
Blood Group	O ₊ ve

REFERENCE(S)

Name	Dr. Md. Al Mehedi Hasan	Abu Sayeed
Organization	Rajshahi University of Engineering & Technology,	Rajshahi University of Engineering & Technology
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Relation	Research and Projects Supervisor	Thesis Supervisor