

UTSHAB KUMAR GHOSH

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 [www.linkedin.com/in/utshabkg](http://www.linkedin.com/in/utshabkg)  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- Jr. Software Engineer  
   Present 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- Mentor   
   Present Code Studio Academy** – Dhaka, Bangladesh

**Department:** Python, Machine Learning & Data Science

* **Oct 2020- AI Research Assistant**

**Sep 2022 MyMedicalHUB Int.** – Florida, USA (Remote)

**Department:** Machine Learning

* + - * Gait Analysis Project.
      * Sports Video and Image Analysis Project.
      * Worked with AWS, Apace Server, REST API.
* **Dec 2017- Smart Book Writer**

**Jan 2020 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,** Data Analysis & Visualization, ANN, CNN,

**Machine Learning,** Supervised & Unsupervised Learning Algorithms,

**& Deep Learning** Feature Engineering, Feature Selection & Extraction.

* + **Frameworks, Library** TensorFlow, Keras, OpenCV, NumPy, Pandas, Scikit-Learn,

**& Tools** 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 Rifaat**1**, *Utshab Kumar Ghosh***1**, Abu Sayeed

**Journal:** [Computers and Electrical Engineering](https://www.sciencedirect.com/journal/computers-and-electrical-engineering) (**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://www.journals.elsevier.com/informatics-in-medicine-unlocked) (**Q2**, **Available:** <https://lnkd.in/gh8ZaeHK>)

**Field:** Bioinformatics

* **My Machine Learning Projects**

**Github Repo:** https://github.com/utshabkg/ML\_Competition-AND-Practice

* **Django Ecommerce Site** ([Sessional Project](https://github.com/utshabkg/Ecommerce_site_Django))

**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)](https://www.kaggle.com/c/tensorflow-great-barrier-reef/leaderboard)
* **Kaggle PetFinder.my - Pawpularity Contest** *(Image Dataset)*

[Top 13% (443th out of 3545)](https://www.kaggle.com/c/petfinder-pawpularity-score/leaderboard)

* **DataHack Traffic Forecasting** *(Time Series Dataset)*

[Time Series Forecasting (Running)](https://datahack.analyticsvidhya.com/contest/practice-problem-time-series-2/#LeaderBoard)

* **HackerEarth ML Challenge: Fast, Furious and Insured** *(Image & Tabular Dataset)*

[Classification & Regression (86th out of 2796)](https://www.hackerearth.com/challenges/competitive/hackerearth-machine-learning-challenge-vehicle-insurance-claim/leaderboard/predict-the-condition-and-insurance-amount-21-fb647347/)

* **HackerEarth ML Challenge: A Fine Windy Day** *(Tabular Dataset)*

[Regression (54th out of 2034)](https://www.hackerearth.com/challenges/competitive/hackerearth-machine-learning-challenge-predict-windmill-power/leaderboard/predict-the-power-kwh-produced-from-the-windmills-8-f055f832/)

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 CURRCULAR ACTIVITES \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **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 | | |

REFEENCE(S) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Name** |  | **Dr. Md. Al Mehedi Hasan** | **Abu Sayeed** |
| **Organization** |  | Rajshahi University of Engineering & Technology, | Rajshahi University of Engineering & Technology |
| **Designation** |  | Professor | Assistant Professor |
| **Mobile** |  | +880-1712 205 360 | +880-1751 471 785 |
| **E-Mail** |  | mehedi\_ru@yahoo.com | abusayeed.cse@gmail.com |
| **Relation** |  | Research and Projects Supervisor | Thesis Supervisor |