

Md Raihanul Haque

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SKILLS

- C, C++, Java, Python, Django, SQL, Assembly
- Operating Systems, Numpy, Matplotlib, HTML, CSS(Bootstrap), JavaScript
- Audio Editing (Audacity), Video Editing (Wondershare Filmora), Banner Design (Canva)

COMPETITIVE PROGRAMMING SKILL

Achievement

- IUPC 2023 Second Runner up, IUPC 1.0 2023 Third Runner up, and IUPC 2.0 2023 Third Runner up.
- IDPC 1.0 2021 First Runner up and IDPC 2.0 Champion.
- Contestant at KYAU National Hackathon 2023.

Problem-Solving

- Participated in over 200 Codeforces, Codechef, Leetcode, and AtCoder contests.
- Solve more than 1700 problems in Codeforces, UVA, Codechef, AtCoder, URI, LightOJ, SPOJ

WORK EXPERIENCE

Educational Content Creator | [AlgoBangla29](#) YouTube Channel

09/2023-Current

Produced **350+** educational videos on topics including Competitive Programming (Codeforces, HackerRank), C++/Python tutorials, Software Engineering, OS Algorithms, AI, Digital Image Processing, Computer Networks and more. Specialized in simplifying complex concepts, engaging viewers, and delivering practical tech tips.

Python Trainer | Python Programming Training for Student, ICT Division of Bangladesh

Pabna Division

06/2024 – 09/2024

As a Python Programming Trainer at Pabna Collectorate Public School & College (PCPSC), under Bangladesh's ICT Division in Pabna Division, I lead comprehensive training sessions to equip students with essential programming skills. My role involves conducting three batches of classes daily, from 9 AM to 4 PM, ensuring each student receives personalized attention and guidance.

- Developing and implementing a comprehensive curriculum covering basic and advanced Python concepts.
- Designing hands-on projects and coding exercises to reinforce learning.
- Providing personalized mentoring and feedback to students to support their growth.

Problem-Setter and Organizer

02/2024 – 03/2024

[Winter Programming Contest 2024](#) & [Leap Year Programming Contest 2024](#)

- Designed and curated problem sets for two of the largest programming contests in Bangladesh, the Winter Programming Contest 2024 and the Leap Year Programming Contest 2024.
- Successfully organized and managed both contests, attracting over 900 contestants combined from 130+ universities across Bangladesh.
- Received positive feedback from participants and stakeholders for the creativity, relevance, and difficulty level of the problem sets, contributing to the contests' overall success and reputation.

EDUCATION

Pabna University of Science and Technology – PUST | Pabna, Bangladesh

03/2020 – Current

B.Sc. in Computer Science and Engineering (CSE)

Last 7-semester average **CGPA: 3.75** | **Expected Graduation:** August 2025

Nawab Siraj-Ud-Dowla Govt. College | Natore, Bangladesh (HSC GPA-5.00)

07/2017 – 07/2019

Chakmohapur high school, Baghatipara | Natore, Bangladesh (SSC GPA-5.00)

01/2012 – 07/2017

Chakmohapur high school, Baghatipara | Natore, Bangladesh (JSC GPA-5.00)

01/2012 – 07/2014

PROJECTS

Shopping-Cart

09/2022 – 01/2023

Github Link: <https://github.com/Shuvoahmed29/Website-Shopping-Cart>

Django-To-Do-App

04/2025 – 04/2025

Github Link: <https://github.com/Shuvoahmed29/Django-To-Do-App>

Ecommerce-Website

02/2025 – 02/2025

Github Link: <https://github.com/Shuvoahmed29/Ecommerce-Website-Shopping-Cart>

Rock-Paper-Scissors-Game

01/2025 – 02/2025

Github Link: <https://github.com/Shuvoahmed29/Rock-Paper-Scissors-Game>

ACCEPTED PUBLICATIONS (Forthcoming in IEEE Xplore)

Comparative Analysis of Classification and Regression Models for Schizophrenia Risk Prediction

Syed Mossabbir Hossain, Nitun Kumar Podder, Md Raihanul Haque, Utsha Roy, Poly Akter, Tasfia Rahman Asma

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

A Review for Bridging Clinical and Technical Gaps with Hybrid-ML in Schizophrenia Diagnosis

Syed Mossabbir Hossain, Nitun Kumar Podder, Md Raihanul Haque, Utsha Roy, Md Habibul Islam, Tasfia Rahman Asma

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Bangla Speech Emotion Recognition Using 3D-CNN: A Multi-Corpus and Cross-Lingual Study

Md Habibul Islam, Nitun Kumar Podder, Md Raihanul Haque, Mst. Shaima Aslam Chaity, Md. Rashed

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Genomic Insights and Systems Biology Perspectives on Comorbidities in Polycystic Ovary Syndrome

Poly Akter, Nitun Kumar Podder, Mst. Shaima Aslam Chaity, Md Raihanul Haque, Syed Mossabbir Hossain, Md. Shafiul Azam

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Network-Based Approaches and Gene Expression Profiling to Identify the Molecular Mechanism of Stomach Cancer

Md Naeem Mia, Nitun Kumar Podder, Rajesh Ghosh, Md Raihanul Haque, S. M. Mehdi Hasan Zim, Md Habibul Islam

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Integrated Bioinformatics Analysis to Identify Biomarker Genes and Pathways in Lung Cancer

S. M. Mehdi Hasan Zim, Nitun Kumar Podder, Md. Naeem Mia, Rajesh Ghosh, Md Raihanul Haque, Md. Habibul Islam

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

A Comprehensive Bioinformatics Approach to Identify Key Genes and Comorbidities of Breast Cancer

Rajesh Ghosh, Nitun Kumar Podder, Md. Naeem Mia, S. M. Mehdi Hasan Zim, Md Raihanul Haque, Md Habibul Islam

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Deep Learning Approaches for Lung Cancer Detection: A Comprehensive Evaluation of CNN

Md. Rashik Uddin, Shahriar Siddique Arjon, Tamanna Yasmin, Utsha Roy, Md Raihanul Haque, Md. Abdur Rahim, Nakib Aman

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

Status: Accepted for presentation; to be published in IEEE Xplore after the conference

Expected Publication: August 2025

Genetic and Molecular Perspective on Endocrine and Cardiac Complications in Beta-Thalassemia Patients

Mst. Shaima Aslam Chaity, Nitun Kumar Podder, Md. Abdullah Ibn Noor, Poly Akter, Md Raihanul Haque, Md Habibul Islam

Accepted for presentation at **2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking**

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Expected Publication: August 2025

REFERENCE

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