

# MD. SOROWAR MAHABUB RABBY

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Gender: Male | Nationality: Bangladeshi

## Personal Profile

Passionate about computer science and engineering and driven by a thirst for knowledge and growth, I am a versatile individual with a keen ability to listen and communicate effectively. My short-term goal is to secure a Funded Ph.D. position to channel my skills creatively, contributing to the advancement. My long-term vision is to become a distinguished authority in computer-related fields, leading, innovating, and influencing.

## Education

### International Islamic University Chittagong (IIUC)

Kumira, Chittagong

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

Apr 2020–Nov 2024

- Outgoing, **CGPA: 3.868 (out of 4.0)** || **Department Top #1** in my Batch
- **Academic Awards:** Meritorious Reception- Issued by Creative Organization ·Sep 2021

## Work Experience

### International Islamic University Chittagong (IIUC)

Kumira, Chittagong

Undergraduate Teaching Assistant, Dept. of CSE

Jul 2021 – Present

Collaborated assisting the respective course teachers in conducting the Lab classes, in guiding the students in their Lab works and in evaluating the works done by the students during their coursework, where I gained **Technical Skills** such as **Programming- C, C++, Python, DB- Oracle**, Microsoft tools & **Soft Skills** such as Teaching, Team-Lead, Project Management & Evaluation, Communication, Presentation.

### Programming Shikho- PS Platform

Online Platform

Founder and Head Instructor

Feb 2021 – Present

I have an online Programming Course platform under the platform named **Programming Shikho- PS Platform**, completed 5 batches; where six other instructors teach in my platform. **Website1** || **Website2**

## Research || Conference Proceedings

### Eggplant Yield Prediction Utilizing 130 Locally Collected Genotypes and ML Model

Cox's Bazar, Bangladesh

Published in 2023 26th International Conference on Computer and Information Technology (ICIT)

Dec 2023

Read the Paper at IEEE Xplore

### A Modified Transfer Learning-Based Framework for Efficient Food Image Classification

Chittagong, Bangladesh

Published in 2024 IEEE Conference on Computing, Applications and Systems (COMPAS-2024)

Sep 2024

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## University Projects

### 1. Learning Management System (LMS)

Kumira, Chittagong

International Islamic University Chittagong

Jul 2022 - Jun 2023

This was a team project, consisting two team member along with me. We build this online platform in two versions- Raw Code of HTML, CSS and JS- **V1 Live Preview** || Frame work of HTML, CSS and JS- **V2 Live Preview**

### 2. Twinkles Shopping Zone

Online Platform

Mentor-ship Project for Juniors

Jan 2022 - Jun 2022

It was my Mentor-ship Project for Juniors. While doing this project, I have learned new framework- PHP. **Project Live Preview**

### 3. AI Based News Summarizing app

Online Platform

Industrial training Course Project

Aug 2024 - Sept 2024

**This App** allows users to view news articles [from a specific news site] and generate concise summaries, leveraging the power of AI to keep you informed with ease.

From these projects (1 - 3), I gained **Technical Skills:** Web Development using React & MongoDB, FastAPI, Python, Software Testing, Git and GitHub And **Soft Skills:** Teamwork, Project Lead and Time Management, Presentation skills, Documentation.

## Skills

**Programming** C, C++, JAVA (Beginner), Python (Beginner), SQL, **Frame Work:** HTML5/CSS3, JavaScript, React & PHP (Bsaic)  
**Problem Solving** **Code Force:** 473, **Beecrowd:** 84, **UVA Online Judge:** 50+, **HackerRank:** 9+ Contests, **AtCoder:** 93  
**Miscellaneous** Windows, LaTeX, Overleaf, Microsoft Office 365, Oracle, MongoDB, Git and GitHub, Netlify, Vercel.  
**Soft Skills** Teaching, Team Lead, Project Management, Consultant, Teamwork, Problem-solving, Documentation, Engaging Presentation.

## Achievements

2017 **3rd Position**, Shanti-Neer Education Development Scholarship *Chittagong*  
2013 **1st**, Shanti-Neer Scholarship & **7th Position** in Talent Hunt Scholarship by Bangladesh Teachers Association *Chittagong*  
2013 **7th Position**, Talent Hunt Scholarship by Bangladesh Teachers Association *Chittagong*  
2011 **3rd position**, Bijli Education Development Scholarship by Bijli Club *Chittagong*  
2010 **1st position**, Bijli Education Development Scholarship by Bijli Club *Chittagong*

## Leadership and Extracurricular Activities

**Organizing Committee Member** || Hult Prize On-Campus || 2020-21 Session  
**Campus Ambassador, IIUC** || ICT Olympiad Bangladesh 1.0  
**Campus Ambassador, IIUC** || THE EXCELIST 2022 supported by MICROSOFT  
**Executive of Membership, Press and Publication** || IIUC Data Science Research Group (IIIUCDSRG)  
**Assistant Secretary, Press and Publication** || IIUC Computer Club

## Training and Workshops

**TDP** **Talent Development Program** by WAMY ( World Assembly of Muslim Youth ), Mar 2023  
**CareerX 28-A** Bangladesh Youth Leadership Center, Feb 2023  
**MS PowerPoint** Creative IT Institute, Mar 2022

## Interests

**Research** I love to do research and recently I am working on 2 papers. Also my one paper is live now at IEEE Xplore.  
**Problem Solving** I love to solve problems, specially programming problems. Even I can work under pressure.  
**Teaching** I started teaching/ tuition when I was 14. Besides tuition, I am working as Teaching Assistant in my dept. now.  
**Web Development** I love coding and I code to make new sites. I want to be an expert in this field. You can visit my **GitHub**

## CONFERENCES AND SEMINARS

1. **2023 26th International Conference on Computer and Information Technology (ICIT)** || 13 - 15 Dec 2023, Cox's Bazar, Bangladesh
2. **IEEE Conference on Computing, Applications and Systems (COMPAS-2024)** || 25 - 26 Sep 2024, Chittagong, Bangladesh

## Languages

**English** Professional proficiency || **Will Take IELTS** soon  
**Bangla** Native proficiency

References available upon request.