

# **NASHID MUMTAZ**

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[https://www.researchgate.net/profile/Nashid\\_Mumtaz](https://www.researchgate.net/profile/Nashid_Mumtaz)

<https://github.com/Nashid89/Nashid89>

## **OBJECTIVE:**

I am eager to learn about disaster-resilient infrastructures especially targeted for coastal areas where the effects of natural disasters like hurricanes, storm surges, floods, earthquakes, tsunamis are catastrophic.

## **WORK EXPERIENCE:**

### **1) Assistant Project Officer** in Practical Action, Bangladesh Country Office

Years of experience: 2 (from 2019 -2021)

#### Job responsibilities:

- Preparation of context-specific and disaster-resilient designs of WASH (Water, Sanitation, and Hygiene) facilities targeted for Rohingya communities in Cox's Bazar, Bangladesh
- Carry out the exercise of documentation to track the performance of the projects and capture critical learning
- Represent project implementation updates to donors and stakeholders via meetings, conference, student exchange programs
- Assist and support program team in achieving project deliverables by maintaining frequent coordination with the implementation team at the field level and other relevant stakeholders

### **2) Mathematics lecturer** in Mastermind English Medium School, Dhaka

Years of experience: 3 (from 2016-2018)

#### Job responsibilities:

- Prepare mathematics lectures and concepts notes
- Invigilating exam centers and assess the exam papers
- Supervise students appearing in Math Olympiads

### **3) Assistant Engineer** in Bangladesh Rural Water Supply and Sanitation Project (BRWSSP)

Years of experience: 1 (2015)

#### Job responsibilities:

- Developing monthly reports for WASH Projects
- Project completion reports for WASH Projects
- MoU drafting and ToR development
- Develop presentations to portray project progress

## **ACADEMIC QUALIFICATIONS:**

**University:** University of Georgia

**Expected Graduation Year:** 2026

**Academic Qualification:** PhD Engineering (Environment & Water Emphasis)

**University:** Bangladesh University of Engineering & Technology (BUET)

**Graduation Year:** 2019

**Academic Qualification:** Master of Science in Civil Engineering

**University:** Chittagong University of Engineering & Technology (CUET)

**Graduation year:** 2014

**Academic Qualification:** Bachelor of Science in Civil Engineering

\* Awarded by stipends in every semester according to GPA.

**High School:** Mastermind English Medium School, Dhaka

**Graduation year:** 2009

**Academic Qualification:** I got 3A's in three subjects in A' level examinations

**School:** Mastermind English Medium School, Dhaka

**Graduation year:** 2007

**Academic Qualification:** Obtained 7 A's in my O' level examinations

### Additional Information:

- **Undergraduate Thesis:** A study on swelling characteristics of sand-bentonite mixture
- **Graduate Thesis Topic:** Strength characteristics of flyash-cement stabilized compressed earthen blocks

## **COMMUNICATION SKILLS:**

I have developed excellent communication skills gained through my experience as a writer in a newsletter club. My articles were published in two consecutive publications. I was an active member in Mastermind Community Service Club.

## **COMPUTER SKILLS:**

**MS Office:** Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Outlook

**Design:** AutoCAD, ETABS, ArcGIS, QGIS

**Graphics:** Adobe Illustrator, Adobe Photoshop, SketchUp

**Google:** Google Forms, Google Classroom, Google Drive, Google Sheet, Google Docs

**Programming:** C++, Python, MATLAB

## **OTHER SKILLS:**

- Good writing and speaking skills in English Language
- Scored 8 out of 9 in the Speaking section of IELTS
- Scored 160 out of 170 in the Quantitative reasoning section in the GRE examination

## **PAPERS/PUBLICATIONS:**

- 1) 'Construction of Disaster Resilient Rural houses using CSEB made with River bed sand' in International Conference on Disaster Risk Management, ICDRM 2019, Dhaka, Bangladesh
- 2) 'Ensuring Safe Disposal of Faecal Sludge in the camps at Cox's Bazaar for Displaced people from Myanmar International Conference' in Rohingya Crisis in Bangladesh: Challenges and Sustainable Solutions, 2019
- 3) 'Turning Waste to Products- Plastic Waste Recycling in the Rohingya camps, Cox's Bazar' in International conference on Sustainable Waste Management towards Circular Economy, India
- 4) Effectiveness of fly ash and cement for compressed stabilized earth block construction <https://doi.org/10.1016/j.conbuildmat.2020.119392>
- 5) Suitability of Fly Ash and Cement for Fabrication of Compressed Stabilized Earth Blocks <https://doi.org/10.1016/j.conbuildmat.2020.120935>

## **AWARDS:**

- 1) Best Paper Award in International Conference on Disaster Risk Management, 2019
- 2) IconSWM Excellence Award in International Conference on Sustainable Waste Management towards Circular Economy, 2019
- 3) Daily Star Awards for outstanding results in A-level examination organized by The Daily Star, 2009
- 4) Daily Star Awards for outstanding results in O-level examination organized by The Daily Star, 2007

## **REFERENCE:**

### **Dr. Mohammad Shariful Islam**

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### **Dr. Aysha Akter**

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