



FARAH TABASSUM

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Aftabnagar, Dhaka, Bangladesh



Skill Highlights

- Strong analytical and problem-solving skills along with good interpersonal skills.
- Tech-savvy, collaborative, flexible and adaptable work style.
- Proficiency in modeling, design and statistical software tools such as ETABS, STAAD PRO, AutoCAD 2D & 3D, HEC-RAS 1D & 2D, ArcGIS, SPSS and XLSTAT.
- Skilled in MS Office and other basic computer skills.
- Experience with MATLAB and C Programming language.



Work Experience

1. Assistant Structural Engineer

(04 Dec, 2025- Continuing)

Cube Infrastructure Ltd.

Mirpur, Dhaka, Bangladesh

Organizational Profile: Cube Infrastructure Ltd. is a prominent consultancy & construction company in Bangladesh, providing comprehensive contracting services for government infrastructure, industrial construction, and both commercial and residential projects.

Responsibilities Handled:

- ⇒ Explored, studied and applied various building Codes and Standards such as ACI, ASCE 7-05, UCB 94, BNBC 2006, BNBC 2020.
- ⇒ Conducted modeling and detailed structural analysis of RCC Building.
- ⇒ Involved in preparation of Structural Drawings of RCC building.
- ⇒ Carried out detailed review of Detailed Engineering Assessment Reports and Design Reports.

2. Structural Design Engineer

1.5 years (May, 2024- Nov, 2025)

VERITAS Technologies Ltd.

Shyamoli, Dhaka, Bangladesh

Organizational Profile: VERITAS is one of the leading supply, safety audit, consultancy & Construction firms in Bangladesh working in industrial, commercial and residential sectors especially in Ready Made Garments (RMG) sector.

Responsibilities Handled:

- ⇒ Explored, studied and applied various building Codes and Standards such as ACI, ASCE 7-05, UCB 94, BNBC 2006, BNBC 2020.
- ⇒ Conducted modeling and detailed structural analysis of RCC



Career Objective

Diligent and dedicated Civil Engineer, enthusiastic to take up a challenging career with a dynamic organization that will thrive on the best of my professional skills and knowledge and contribute to the enhanced pride and reputation of the organization.



Education

B. Sc. in Civil Engineering

Ahsanullah University of Science and Technology (AUST).

Apr, 2012 – Jun, 2016
CGPA: 3.049 (Out of 4.00)

HSC (Science Group)

2011

Ideal School & College, Motijheel, Dhaka.
GPA: 5.00 (Out of 5.00)

SSC (Science Group)

2008

Motijheel Model High School, Dhaka.
GPA: 5.00 (Out of 5.00)



Language Skills

- ❖ **Bengali:** Fluent
- ❖ **English:** Intermediate



Training Summary

1. Design and Analysis of Steel Structure by STAAD PRO V8i SS6

Dec, 2025 – In progress

Design Plus Training Center.

Topics:

- ➔ Introduction of Steel Structure and Components.
- ➔ Load Calculation of a Steel Building according to BNBC 2020.
- ➔ Single Storied Shed Building Design (Regular & Irregular Type and with Truss Member).
- ➔ Multi-Gable Building Design.

Building.

- ⇒ Assisted in preparation of DEA Report of RCC building.
- ⇒ Involved in preparation of Structural Drawings of existing RCC building.
- ⇒ Prepared Ferro-scan test report and forwarding letters for material testing.
- ⇒ Undertook several site visits to perform structural audit inspections.
- ⇒ Compiled and prepared weekly and monthly work progress reports, invoices, and VAT challans.

3. Jr. Engineer (Civil) 1.3 years (Oct, 2016 - Jan, 2018)

Build Asia (Pvt.) Ltd.  Dhanmondi, Dhaka, Bangladesh

Organizational Profile: An ISO 9001:2015 certified Construction and Construction Management Company, offering civil, mechanical & electrical services and providing sustainable solutions in the field of Industrial, Power Plant & Commercial Building construction.

Responsibilities Handled:

- ⇒ Worked in the Head office and coordinated between management & project sites by collecting quotidian information on ongoing projects.
- ⇒ Involved in Rate Analysis, Pre-construction Budgeting, and Material Requirements Planning.
- ⇒ Assisted in the preparation of BOQ and Time scheduling.
- ⇒ Engaged in the preparation of the Schedule of Rates (SOR) for BOQ, Technical Offer and Detail Construction Scheduling for Tender documents. In addition, attended Pre-bid meetings.
- ⇒ Scrutinized all types of Drawings and Estimated Quantity & Cost duly.
- ⇒ Prepared Invoices and Reports and verified Subcontractors' Bills.



Academic Activities

- ❖ **Thesis Title:** “Especial Category Solid Waste Recycling Practice: Dhaka City Aspect”.

It was an academic exploration based on **Environmental Engineering** under the supervision of **Dr. Quazi Hamidul Bari**, Professor, Dept. of CE, **AUST**. Part of this thesis had been selected as conference papers on the **WasteSafe 2017 – 5th International Conference**.



Extra-Curricular Activities

- ❖ Participated in “**Bangladesh Youth Parliament 2012**” at BICC, Dhaka on 26-27 Dec, 2012 and got a certificate as a **Member of Youth Parliament - MYP**.
- ❖ Took-part as a **Stage-Performer** in “**AUST Civil Day**” (2012, 2015).

- ➔ Purlin, Base Plate & Anchor Bolt Design.
- ➔ Multistoried Building Design (with Flat Roof and Roof Shed).
- ➔ Canopy, Stair and Lift Core Design.
- ➔ Serviceability Check as per BNBC 2020, AISC & ASCE Guidelines.
- ➔ Wind & Seismic Load Calculation as per BNBC 2020.

2. AutoCAD 2D & 3D

 Nov, 2016 – Feb, 2017

CADD CORE Training Institute.

Topics:

- ➔ Architectural Drawing,
- ➔ Structural Drawing,
- ➔ Preliminary Drawing of Steel Structure.



Workshop, Seminar & Conference

- ❖ Published two conference papers on the “**WasteSafe 2017**” – **5th International Conference on Solid Waste Management in South Asian Countries**, 25-27 February 2017, Khulna, Bangladesh.
 1. Garments waste recycling in Dhaka: a case study of Mirpur area.
 2. Printing press solid waste recycling in Dhaka city.
- ❖ Participated in the seminar on “**Recent Trends in Bridge Engineering: Bangladesh Experience**”, arranged by the Dept. of CE, **AUST** on 13 Jan, 2016.



References

1. Dr. Badal Mahalder
 -  Associate Professor, Dept. of WRE, BUET.
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2. Sujan Mahmud
 -  Assistant Manager, Build Asia (Pvt.) Ltd.
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