

Resume of
Md. Rifat Bin Ahmed Majumdar

Mailing address:

451, Nayapara, East Donia, Jatrabari, Dhaka- 1236

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Summary:

Dynamic structural engineer with five years of experience in RCC structures. Done more than fifty projects. Delivered each project before the deadline. Perform a detailed technical analysis of complex project issues. Coordinates with vendors to resolve engineering questions and problems.

Skills:

CSi ETABS, SAFE, Tekla Tedds, Midas Design Plus, CSiCol, STAAD Foundation Advance and AutoCAD.

Member:

- TCs Member, RILEM Associates.
- Graduate Member, The Institution of Structural Engineers (IStructE).
- Student Member, FIB International.
- Student Member, American Concrete Institute (ACI).
- Student Member, American Society of Civil Engineers (ASCE).
- Student Member, Concrete Reinforcing Steel Institute (CRSI).
- Student Member, National Society of Professional Engineers (NSPE).

Education Qualification:

Bangladesh University of Engineering & Technology (BUET)

M.Sc. Engg. (Civil & Structural)

Pursuing

Result

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Sonargaon University

B.Sc. in Civil Engineering

2017

Result

C.G.P.A.- 3.37

Dhaka Polytechnic Institute

Diploma in Engineering

2012

Result

C.G.P.A.- 2.84

Barnamala Adarsha High School & College

Secondary School Certificate (S.S.C)

2008

Result

G.P.A.- 4.63

Experience:

- **Structural Engineer**
 - Builtech Consulting Engineers (February 2017 to till date)
- **Achievements/Tasks:**
 - Managed the design and production of structural components
 - Making calculations about loads and stresses
 - Selecting appropriate construction materials
 - Providing technical advice
 - Liaising with relevant professional staff such as architects

Professional Training/Workshops:

- Attended online training entitled "Modeling, Analyses, Design and Detailing of Shear Walls" conducted by IIT-Roorkee, India.

- Attended training workshop entitled “Nonlinear Seismic Analyses and BNBC Provisions” conducted by Engineering & Research Associates (ERA), Dhaka, Bangladesh.
- Attended online workshop entitled “ACI 562-19: Assessment, Repair, and Rehabilitation of Existing Concrete Structures” conducted by ACI, USA.
- Attended training workshop entitled “Seismic design & detailing according to BNBC” conducted by ESCB, Dhaka.
- Attended training workshop entitled “Fire Safety in Building” conducted by ESCB, Dhaka.
- Attended training workshop entitled “Computer Aided Analysis and Design of Buildings & Foundation and Slab using ETABS and SAFE” conducted by ESCB, Dhaka.
- Attended training workshop entitled “Pile Foundation: Design & Construction” Conducted By ESCB, Dhaka.
- Attended online workshop entitled “Earthquake Resistant Design of High-Rise RCC Structures - Modelling, Analysis & Design by Prof (Dr.) Yogendra Singh” Conducted By IIT, Roorkee.
- Attended online training session entitled “Training and Capacity Building Initiative of Component S-09 (Implementation and Enforcement of BNBC 2020) of the Urban Resilience Project (URP): RAJUKPART” Conducted by RAJUK and trained by S.K. Ghosh Associates, USA.
- Attended online training session entitled “S-8A S.Eng. PRP Training Program” of the S.Eng. training series conducted by RAJUK and trained by S.K. Ghosh Associates, USA.

Research Publication:

- Majumdar, Md. Rifat Bin Ahmed. (2022). "**Influence of Beam-Column Joint on the Seismic Response of RC Frames**". International Journal for Research Trends and Innovation (IJRTI), ISSN:2455-2631, Vol. 7, Issue. 10, P. 97-106. IJ Publication. <http://doi.one/10.1729/Journal.31744>

Published Article:

- “**How Unregulated Engineering and Construction Put My Country at Risk**” in the National Society for Professional Engineers (NSPE) PE Magazine, Page-19, Winter 2021.
- “**COVID-19 Pandemic: A blessing for Environment?**” in the International Council for Engineers, Australia (ICEA) Innovate Magazine, Page-27, 2020.
- “**Re-evaluating the design life of buildings**” in the Institution of Civil Engineers (ICE) community blog, 2020.
- “**5 Things to Succeed in the Construction Industry During COVID-19**” in the American Society of Civil Engineers (ASCE) member voices, 2020.

Awards:

- Secure 4th position in the "**GPH Ispat-Prothom Alo En-genius Competition (National Structural Engineering Competition)**" organized by BUET-JIDPUS.

Personal Information:

Father's Name : Abu Ahmed Majumdar
 Mother's Name : Shahida Yasmin Majumdar
 Date of Birth : 10th December, 1992
 Marital Status : Married

Signature:



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